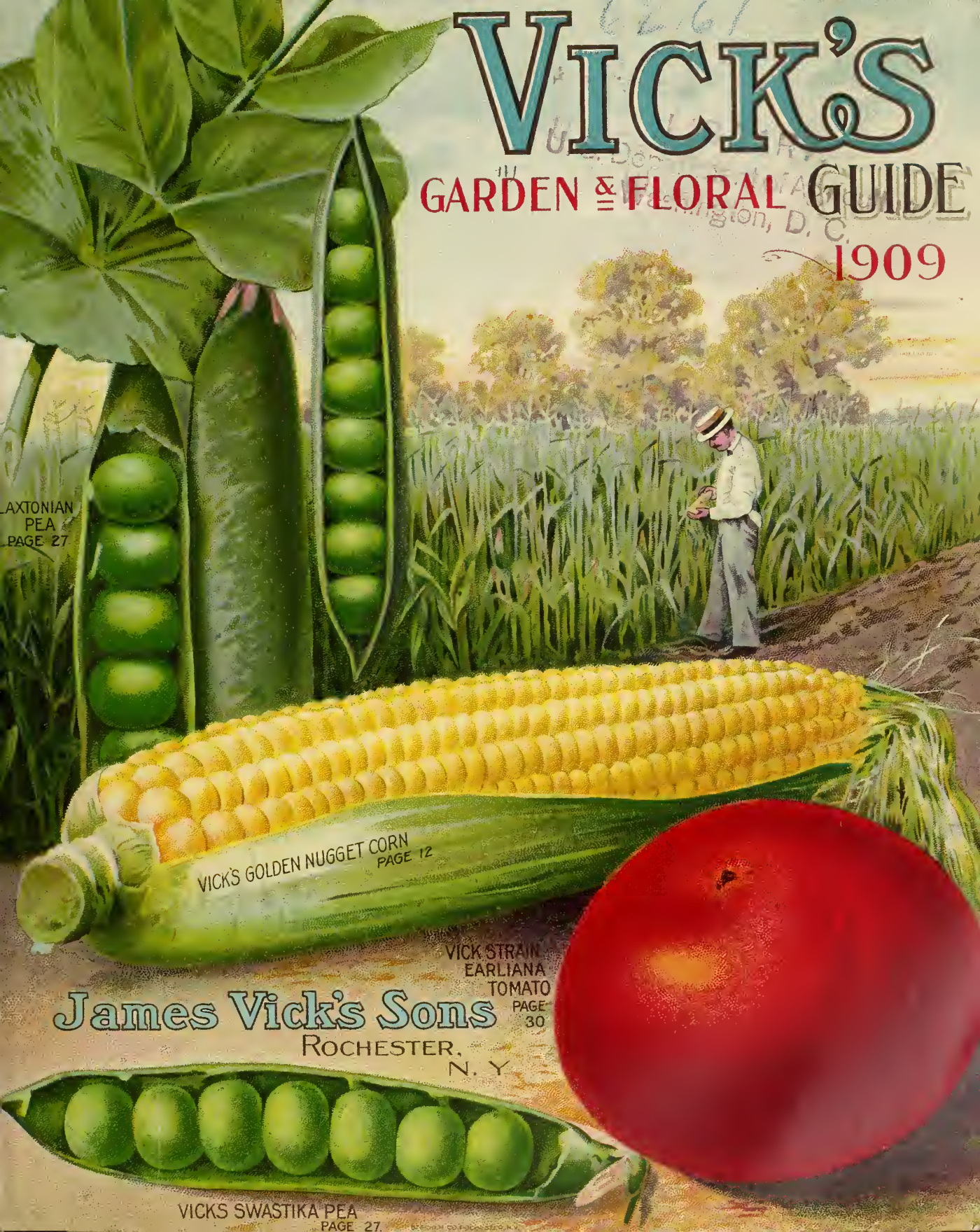
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

VICK'S

GARDEN & FLORAL GUIDE

1909



James Vick's Sons

ROCHESTER,
N. Y.

Perennial Plants

A garden of Perennials is indispensable. The plants increase in beauty every year, are of easy culture, and will grow and multiply in almost any soil. The Roses and Shrubs add beauty and grace to the garden, while Climbing Vines are absolutely necessary to complete the harmony in the grounds of an artistic home.

Hardy Plants: Old and New

is a 24-page descriptive Catalogue listing all the favorite Perennial Plants for both the garden and ornamental border, Roses, Shrubs, and Climbers. Beautifully illustrated by photographs direct from Nature, and reliable in its descriptive matter.

Sent free to any address on request.

Fruit and Ornamental TREES

For a number of years we have felt the need of a catalogue containing a carefully chosen list of the hardiest and best varieties.

Fruit Trees
Shade Trees
Ornamental Trees

This year we have published such a Catalogue. It contains 16 pages of descriptive matter and illustrations, instructions for planting, and other valuable information. *Mailed Free, on request.*

Premiums which we allow on purchases of Seeds in Packets and Ounces only—NOT on Plants of any kind

Persons sending $1.00 for Seeds in Packets and Ounces, may select Seeds only to the amount of $1.25 or 25 cents extra on each $1.00 of the order. It must be understood that this premium is allowed on Flower and Vegetable Seeds by the **Packet and Ounce** only, and **NOT** on Seeds by the *Pound Half-Pound, Quart, Pint, Half-Pint,* or in *Collections*, nor on *Bulbs or Plants.*

We will not pay this Premium in Seeds by the pound or fraction, nor in Bulbs or Plants. It must be selected from Seeds in Packets and Ounces.

Collections of Vegetable and Flower Seeds

TO all customers who want Selected Collections of the standard varieties of Vegetable Seeds for a family garden we can recommend our Quality Collections of Beans, Corn and Peas described and illustrated on the opposite page. These are the very best varieties for the purpose, giving a succession of fresh vegetables from about the middle of June until frost. All the packets are of regular size and Vick Quality in every respect.

The Special Collections of Flower Seeds, including Asters, Antirrhinum, Nasturtium, Pansies, Petunias, Phlox, Poppies, Sweet Peas, Verbenas, will be found on page 39.

No. 5 Collection of Vegetables

Twenty-one Choice Varieties for a medium-sized garden (regular catalogue price $1.35) **sent postpaid for $1.00.**

50 c. Collection of Vegetables

Eighteen Choice Varieties for a small Family garden (regular catalogue price $1.00) **sent postpaid for 50 cents.**

The Three Best Peas, Beans and Corn
For the Home Garden

Quality Pea Collection — Three unsurpassed Early, Medium and Late sorts.

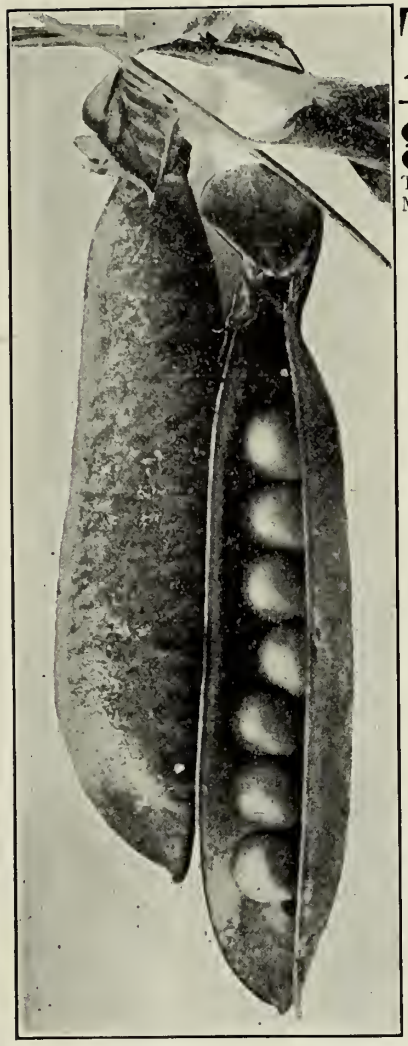
- Thomas Laxton (Early)
- Vick's Daisy (2d Early)
- Improved Stratagem (Late)

See pages 22 and 23

The Three Sorts in packets, postpaid, **25 cts.**

The Three Sorts in Half Pints, postpaid **60 cts.**

For Pint and Quart prices on these and other varieties, see Beans, pages 4 and 5; Corn, pages 12 and 13; Peas, pages 22 and 23.



IMPROVED STRATAGEM PEA

Quality Bean Collection — Three of the Best Quality Bush Beans.

	Packet	½ Pint
Refugee Wax (Wax Pod)	$0.10	$0.20
Stringless Green Pod	.10	.20
True Bush Lima	.10	.20

The Three Sorts in packets for 25c,
The Three Sorts in Half Pints 50c.
Postage Prepaid. See pages 4 and 5.

Quality Corn Collection — If these three varieties are planted on the same day they will ripen in rotation.

Mammoth White Cory (Early)	.10	.20
Perry's Hybrid (2d Early)	.10	.20
Stowell's Evergreen (Late)	.10	.20

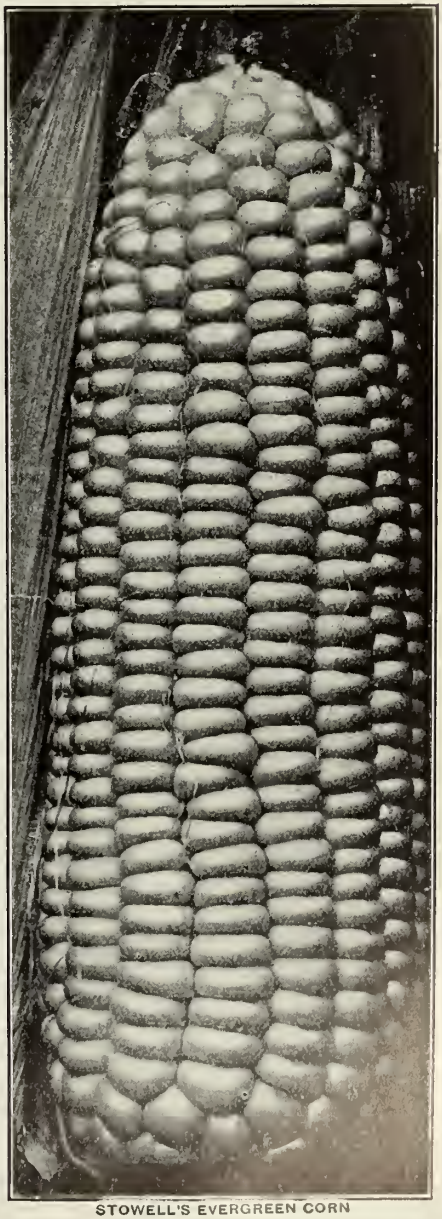
The Three Sorts in packets for 25c.
The Three Sorts in Half Pints 50c.
Postage Prepaid. See pages 12 and 13.

REFUGEE WAX BEANS

The Complete "Quality" Collection of Peas, Beans and Corn

The Three Collections, Nine Varieties, in Packets, postpaid **75c.**

The Three Collections, Nine Varieties, in Half Pints, postpd **$1.50**



STOWELL'S EVERGREEN CORN

A PAGE OF

Vick Quality Vegetables

(Illustrations one-half natural size)

Chinese Giant Pepper—
See page 25

Big Boston Lettuce—
See page 16

Vick's Early Perfection White Spine Cucumber—
See page 14

Cooper Lettuce—
See page 16

English Mushroom—
See page 17

INTRODUCTORY

TO our friends and customers who receive this, the sixtieth annual number of Vick's Garden and Floral Guide, we extend the heartiest New Year's greetings, and wish to express our sincere appreciation of their patronage—whether as a new customer of one year, or one of our old-time friends who has found Vick's Seeds "tried and not wanting." That our customers may receive only the best, we test every variety of of both Flower and Vegetable Seeds; an illustration of the magnitude of this work is shown by the fact that the past season over 3,000 different varieties were tested on our trial grounds.

Another fact of special interest is that the prices in this Catalogue are extremely low for first-class stock, and that in most cases they include postage or express charges prepaid to your door. Thus you know just what the goods will cost, and not be subjected to the annoyance of paying an additional amount for postage or express charges. Again we wish to assure our customers that every order, small or large, will have prompt and careful attention, and so far as lies in our power we shall endeavor to make every purchaser a satisfied friend of the House of Vick.

Remember That our prices include the Postage or Express charges, unless otherwise stated

SUGGESTIONS TO ALL WHO BUY

ALL MONEY MAY BE SENT AT OUR RISK AND EXPENSE, if forwarded according to directions, in either manner here stated.

When remittances are not made according to the following directions, we disclaim all responsibility:

FOUR SAFE WAYS.

A Post Office Money Order will cost as follows: Sums not exceeding $2.50, 3 cents; over $2.50 and not exceeding $5.00, 5 cents; over $5.00 and not exceeding $10.00, 8 cents. This is the best way, and we advise our friends, when possible, to send a money order.

Express Money Order.—To be obtained at all offices of the American, United States, Adams, Pacific, National, Wells, Fargo & Co., and other Express Companies.

Draft on New York.—A DRAFT ON NEW YORK can be obtained at any Bank, and this is sure to come safely.

Registered Letter.—When money *cannot be sent by either of the first three methods*, it may be sent in a Registered Letter. The cost of registering is 8 cents.

☞**The Expense of forwarding money in either of the above ways we will pay, and the cost may be deducted from the amount forwarded.**☜

The New York State Banks charge us 10 cents each for cashing checks, therefore add 10 cents to individual checks to cover cost of collection.

SUMS LESS THAN FIFTY CENTS may be forwarded by mail at our risk without registering, provided stamps are used.

All Seeds, Bulbs and Plants Free of Postage to any part of the United States and Foreign Countries mentioned at the prices named in this Catalogue, Postage Paid. The only exceptions to this rule are when heavy and bulky articles are ordered by the peck or bushel, *or in cases especially noted;* otherwise, every package will be *paid through to destination.* As a general rule we send Plants and Seeds in separate packages.

Our Customers in Canada.—*We do not pay duties*, but pay the postage on Seeds, Bulbs, and Plants, purchased at retail catalogue prices, excepting when the price is given delivered at the Express or Railroad office here.

Foreign Countries.—On packages for England, Germany, Bahamas, Barbadoes, Colombia, Costa Rica, Danish West Indies, Hawaii, British Honduras, Honduras, Jamaica, Leeward Islands, Mexico, Salvador, British Guiana, Newfoundland, Cuba, Porto Rico, Windward Islands, and Philippine Islands, postage will be prepaid.

Free by Express.—All orders weighing two pounds or over will be forwarded by Express, if possible. Our customers will oblige us very much by giving their *nearest express office* and the name of the Company delivering goods. **This applies to Seeds and Bulbs at Catalogue rates, and not on heavy seeds by the peck or bushel, or when especially noted, nor to miscellaneous articles.**

Special Notice to Our Customers. Express Companies have a special rate or discount on Seeds, Plants, Bulbs, Potatoes and Small Fruits. Refer Agent to "General Special Scale N." When packages are forwarded not prepaid, or at expense of purchaser, they are labeled with the following notice: "This package is carried on the general special seed rate which is 20% less than merchandise rates." See that your Local Agent shares you accordingly.

Cash with Order.—It is *necessary that each order be accompanied with the cash. We send no goods C. O. D. (collect on delivery).* **This rule is imperative.**

The Safe Arrival of Packages Guaranteed.—We guarantee the safe arrival of packages of Seeds, Bulbs and Plants in good condition in the United States and Canada. When customers fail to receive their Seeds, Bulbs or Plants in a reasonable time they should inform us, and send a copy of their order, stating the amount of money, and in what manner it was sent.

We do not guarantee Small Fruits further than their arrival in good condition.

Whenever writing in reference to a previous order, *be sure* and *mention the post office* to which the goods were to be shipped, and the *post office* from which the order was mailed, *and sign the same name as in the first order.*

Shipping Plants.—All orders for plants will be held until about April 1st. **If wanted for winter flowering or immediate use, state the fact,** and they will be shipped accordingly, though in case of severe cold storms we may hold for a few days.

Messrs. James Vick's Sons, Rochester, N. Y. Oct 15, 1908.

Rochester, N. Y.

Gentlemen:-

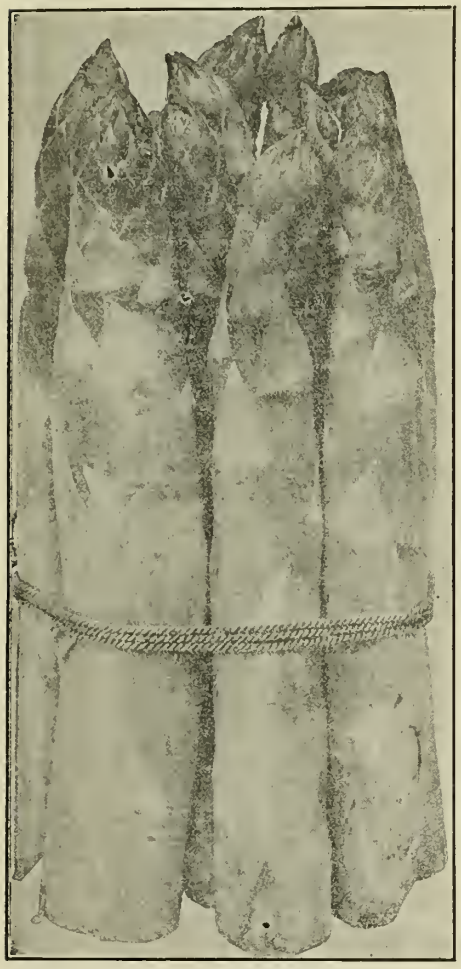
The display of Asters and Vegetables made by you at the State Fair, Sept. 14 to 19, 1908, Syracuse, N. Y. was very gratifying to the officers in charge of the Horticultural Building. The space allotted was used to the very best advantage and the exhibit was one of the most attractive shown at the Fair. Personally and on behalf of the commissioners I wish to congratulate you upon the display.

Very truly yours,

Commissioner.

This engraving shows our exhibition of Vegetables at the New York State Fair, in Syracuse, September 14 to 19, 1908. These Vegetables, and many others in this department, were grown from Vick's Seeds. These were not entered for prizes, but for exhibition purposes only. The prominent features of the picture are Irondequoit Muskmelon, Earliana Tomato, Ailsa Craig and Danvers Yellow Globe Onions, Golden Self-blanching Celery, and Golden Nugget Sweet Corn. ¶ These vegetables were grown by prominent Rochester gardeners, and were taken from their regular daily stock.

Vick's Vegetable Seed Department



ASPARAGUS, VICK'S MAMMOTH

The cost of the Seed you plant on the farm or in the garden is only a small portion of the cost of the crop you harvest. The land occupied, the labor and tools used in the cultivation of the crop cost far more than the seed.

Buy the seed of a reliable firm, pay a reasonable price and reap a bountiful reward

BROCCOLI

When about four inches high plant out two feet each way, in rich soil. For early summer use many gardeners sow the seed about September 1st and transplant into coldframes the latter part of October. Early in April the plants may be transplanted into the open ground. Cultivate same as Cauliflower. One ounce will produce 4,000 plants.

Purple Cape. One of the hardiest and most popular varieties, and the most certain to form a good head; the earliest of the purple varieties. Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

White Cape. Heads medium size, compact, of a creamy white color, excellent flavor. Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.

BORECOLE OR KALE

Sow seed early in June, and transplant. Culture same as for Cabbage. One ounce will sow 300 feet of drill.

Packet, 5 cents; oz., 10 cents; lb., $1.00.

Dwarf Green Curled Scotch. Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

Dwarf Purple. Like Scotch Kale except in color, but more hardy.

Tall Green Curled Scotch. Finely curled; very hardy; one of the best.

ASPARAGUS

As Asparagus seed germinates very slowly, it is advisable to pour hot water over it. When cool, pour off the water and treat it again with hot water. Sow seed quite early in spring, in a bed of light, rich, well-manured soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. When the plants become withered, cut them down, and spread well-rotted stable manure two inches deep over the bed. Let the plants remain in the seedbed until they are about to grow early in spring. The subsoil of the permanent bed should be dry, and if not so, it must be well drained. It should be dug thoroughly at least two and a half feet deep, and mixed with plenty of well rotted manure. For private garden use set the plants in rows two feet apart, and about a foot apart in the row, with crowns four inches below the surface, and spread the roots. For field culture the rows should be six feet apart and two feet apart in the rows. Before winter cover the transplanted beds with about four inches of manure, and fork it in the next spring, being careful not to injure the roots, In autumn, cut the ripe tops and burn the refuse. One pound of good, fresh seed will produce plants sufficient for an acre, and one ounce of seed will sow a drill fifty feet long.

Vick's Mammoth ***Is without exception the largest and best Asparagus grown.***

A bunch of twelve stalks will weigh three to four pounds. In size, color, and yield, it far surpasses any other variety. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent and of delicious flavor. Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.

Conover's Colossal. The old standard variety; of large size, rapid growth, and of best quality. Ounce, 5 cents; ¼ lb., 15 cents; lb., 50 cents.

Palmetto. Of Southern origin, but equally adapted for North or South Early, large, productive, and of excellent quality. Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.

Columbian Mammoth White. A new variety, producing white stalks of large size and finest quality. Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.

Asparagus Roots

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. A bed 8 x 27 feet, requiring 100 plants will supply an ordinary family.

Vick's Mammoth. Strong Two Year Roots—100, by mail, prepaid, $1.50. By express or freight, not prepaid, per 100, $1.00; per 1000, $6.00.

Conover's Colossal. Strong Two-year Roots—100, by mail, prepaid, $1.25. By express or freight, not prepaid, per 100, 75 cents; per 1000, $5.00.

ARTICHOKE

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe the plants must be thoroughly protected with leaves or dry litter, to keep the crowns from freezing.

Green Globe. Seed, packet, 10 cents; oz., 35 cents; lb., $3.50.

Jerusalem. See Farm Seeds.

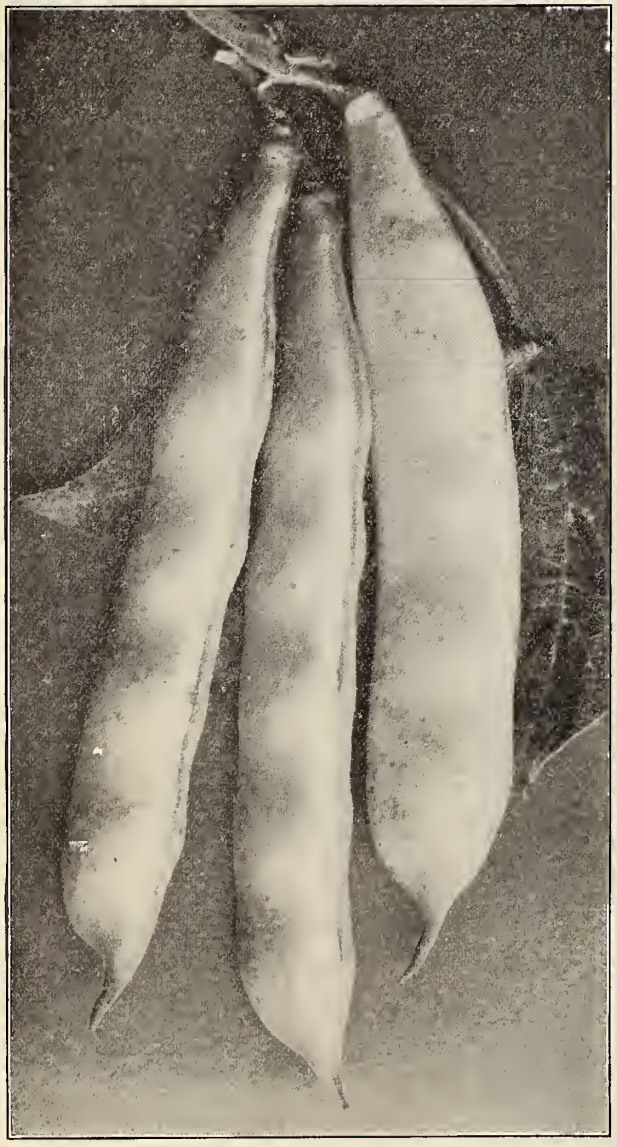
BRUSSELS SPROUTS

Sow seed in early spring and treat like winter Cabbage. One ounce will produce about 5,000 plants.

Improved Dwarf. Packet, 5 cents; oz., 25 cents; lb., $2.50.

BEANS

THE Dwarf Beans are earliest and most hardy, as a general rule. In garden culture Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. Seed of the large varieties should be planted with the eye downward. One quart of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties, and for about 100 feet of drill, sow one bushel per acre. **For prices on larger quantities, see page 33.**



RUSTLESS GOLDEN WAX BEAN

Remember We pay the Postage or Express Charges, unless otherwise stated. Most other Seedsmen require you to pay these charges.

Yellow or Wax-Pod Bush Beans

Brittle Wax *Early, Productive, Tender, and of Extra Fine Quality*

Stringless and crisp. Pods round, a rich golden yellow, five to six inches long. In comparison with other varieties on our trial grounds, it has proved itself to be a superior sort. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Wardwell's Kidney Wax. This variety is very hardy, extremely prolific, producing a heavy crop of long, flat pods, of a delicate waxy yellow, stringless and brittle. The beans are large, kidney-shaped, white, with dark markings about the eyes. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Rustless Golden Wax

A strong grower, positively free from rust

and of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless from first to last. With its fine quality, hardiness, productiveness, and freedom from rust, it has become a general favorite and a great improvement over Golden Wax. **Packet, 10 cents; ½ pt., 20 cents; pt. 30 cents; qt., 50 cents.**

Golden Wax. Pods long, broad, flat, golden-yellow, very fleshy and wax-like, stringless and brittle. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Prolific German Black Wax. An old sort but still retaining its place in the front, and in quality being exceedingly tender and crisp. In our estimation it is one of the best for the home garden. It is early and productive; pods long and round. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Davis White Wax. A white variety, desirable as a string bean; also used as a shell bean when dry. **Packet, 10 cents; ½ pint, 20 cents; pt., 30 cents; qt., 50 cents.**

Yosemite Mammoth Wax. The pods of this monster Wax Bean are often ten to fourteen inches in length, nearly all solid pulp, and absolutely stringless, cooking tender and delicious. The color of the pods is a rich golden yellow. The plants are extremely large, and should be planted twice as far apart as the ordinary Bush Beans. **Packet, 10 cents; ½ pt., 25 cents; pt., 35 cents; qt., 60 cents.**

Refugee Wax

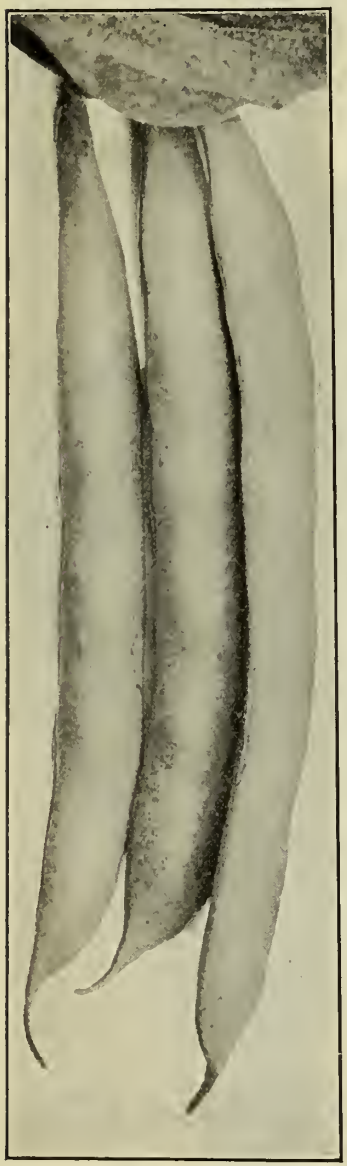
Tested on our trial grounds with many other varieties the Refugee Wax proved itself to be one of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich, creamy white. This variety is classed among the early sorts, coming into bearing about 40 days after planting and continuing in bearing for several weeks. It is certainly one of the best beans for either the home garden or market. **Packet 10 cents; ½ pt., 20 cents; pt. 30 cents; qt., 50 cents.**

Green-Pod Bush Beans

Stringless Green-Pod *Best stringless green-pod Bean in cultivation.*

The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific. Too much cannot be said in favor of this most excellent Bean, which has become a general favorite among growers. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Giant Stringless Green-Pod. This should not be confounded with the "New Stringless Green-Pod." It is a distinct new cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, but is more prolific; the pods are large, being five to six inches in length, and are absolutely stringless, unusually crisp, round, full, and fleshy; qualities which highly recommend it to market gardeners. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**



BRITTLE WAX BEAN

Longfellow. A round, solid, very early, Green-Podded Bean. Good quality, being tender and crisp, also exceedingly prolific. One of the best for the home garden or market. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Extra Early Red Valentine. One of the most popular of the extra early green snap sorts. The pods, round, fleshy, and of excellent quality. **Pkt., 10 cents; ½ pint, 15 cents; pint, 25 cents; qt., 40 cents.**

Extra Early Refugee. One of the earliest of the green-podded sorts, being about two weeks earlier than the ordinary Refugee, while possessing all the superior qualities of that variety—straight, cylindrical, tender pods, of fine flavor and handsome appearance. Excellent for pickles. It is an enormous yielder, and sure cropper. **Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; qt., 40 cents.**

Bountiful. A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. **Pkt.., 10 cents; ½ pt., 20 cents; pt., 30 cts; qt., 50 cents.**

Long Yellow Six Weeks. A very early standard variety, much prized for its productiveness and excellent quality. The green pods are often eight inches long, tender and brittle. **Pkt.. 10 cts.; ½ pt., 20 cts.; pt,, 35 cts.; qt., 50 cts.**

Dwarf Bush Lima Beans

Fordhook Bush Lima

without doubt the best Dwarf Bush Lima

Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large beans. The plants grow to a height of 20 to 30 inches; are strong and bushy, of a rich dark green color. **Packet, 15 cents; ½ pt., 25 cents; pt., 45 cents; qt., 75 cents.**

True Bush Lima (Burpee's.) The bush grows from eighteen to twenty-four inches high, branching freely, bearing from 50 to 200 large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Wood's New Prolific Bush Lima. A greatly improved strain of Henderson's Bush Lima, or Dwarf Sieva Bean. Equally as early and prolific, and produces much larger pods and beans. Being about two weeks earlier than the true Limas, it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well. **Packet. 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Improved Bush Lima (Dreer's, Kumerle, or Thorburn.) Similar to above. The beans in the pod grow close together, are very thick, and of superior flavor. **Packet, 10 cents; ½ pt., pt., 30 cents; qt., 50 cents.**

Pole, or Running Beans

About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Old Homestead (Kentucky Wonder). Far ahead of any other green Pole Bean. Ten days earlier than any other green sort, being fit for the table by the first of August. It is enormously productive, entirely stringless. The pods, though large, cook tender, and are delicious. A most excellent snap variety, **Packet, 10 cts.; ½ pt., 20 cts.; pt., 30 cts; qt., 50 cts.**

Early Golden Cluster Wax. A vigorous and very productive variety; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. **Packet, 10 cents; ½ pt., 25 cents; pt., 35 cents; qt., 60 cents.**

White Dutch Case-Knife. Good as a shell bean, either green or dry. One of the earliest, and very productive. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

London Horticultural, or Speckled Cranberry (Wren's Egg.) Vines moderately vigorous; pods short, broad, pale green, but becoming streaked with bright red. Popular as a shelled bean, either green or dry. Many people prefer them to the Limas. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents;**

Scarlet Runner. An old favorite; used both as string and shelled beans. Vines strong, rapid growers, often used for ornamenting porches and trellises. Flowers brilliant scarlet. Blooms from early in summer until late in fall. **Packet, 10 cents; ½ pt., 20 cts.; pt., 30 cts.; qt., 50 cts.**

Siebert's Early Lima. The earliest true Lima. The vine is so productive that although the pods rarely contain more than four beans the yield is enormous, and is produced from the very first to the last of the season. The green shelled beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the Large White Lima. **Packet, 10 cts. ½ pt., 20 cents; pt., 30 cents; qt., 50 cts.**

Extra Early Jersey Lima. Does not differ materially from other varieties of Lima Beans, except in earliness; in this it has the advantage of from ten days to two weeks over the Large White Lima. **Packet, 10 cts; ½ pint, 20 cts.; pt., 30 cts.; qt., 50 cts.**

Improved Lima (Dreer's). Early and productive. Vines very stout and vigorous. The pods are much thicker than those of the other Limas, and contain from four to five large, thick, white beans, of the very best quality **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

SIEBERT'S EARLY LIMA

"King of the Garden" Lima. A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. Pods measure from five to eight inches, and contain five, six, and seven perfectly formed beans of superior edible quality. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Large White Lima. This old well-known sort needs no description. The green beans, most tender and delicious, are a delight to all in summer, and the dried beans in winter are excellent. **Packet, 10 cents; ½ pt., 20 cents; pt., 30 cents; qt., 50 cents.**

Field Beans

White Kidney (Royal Dwarf). An excellent shell bean for use as a green bean in succotash, and one of the best for winter use; unsurpassed for baked beans. ½ pint, 20 cents; pt., 30 cents; qt., 50 cents. **Bushel, at expense of purchaser, $4.00.**

Large White Marrow. Extensively grown as a dry bean for winter use. The beans are large, clear white, cooking dry and mealy. ½ pint, 20cts.; pt., 30 cts.; qt., 50 cts. Per bushel, at expense of purchaser, $4.50.

BEETS

The Rochester
Perfect globe-shaped.
Brilliant Crimson.
Smooth Skin.

FOR Beets the soil should be rich, mellow, and deep. For early use, sow in a hotbed, and transplant, cutting off the outer leaves. For main crop, sow as early as the ground can be worked, in drills about one inch deep and the rows about fifteen or eighteen inches apart dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. For winter use, the turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, covering them with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 35 cents; lb., $1.00; except when noted.

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep blood-red. It is a rapid grower, attaining a usable size quicker than any other variety, and does not become woody with age.

Extra Early Egyptian Blood Turnip. A standard sort, ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and tender when young.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts. The tops are small, which admits of close planting. The roots are of a globular shape. Flesh fine-grained, very sweet, crisp, and tender; dark red, zoned with a lighter shade.

Arlington Favorite. A dark-leaved, early blood variety, closely following Eclipse in maturing, but of much darker color; perfectly round.

Detroit Dark Red. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender, and sweet, remaining so long after many sorts become woody. Tops small, admitting of close planting. This is certainly a market gardener's Beet.

Early Bassano. An early good turnip Beet, tender and juicy. Flesh white and rose. Grows to a good size. Sown late, it keeps well in winter.

Edmand's Early Blood Turnip. A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet and tender.

Bastian's Early Blood Turnip. Tops small; roots turnip-shaped; flesh tender, blood-red color. A good second early variety.

Dewing's Improved Early Blood Turnip. Turnip-shaped, smooth, tender, and good. About ten days after Bassano.

Rochester. A perfect Beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. A market gardener's sort; extra early. **Packet, 10 cents; oz., 20 cents; ¼ lb., 40 cents; lb., $1.25.**

Half-Long Blood Red. An entirely distinct variety. The roots are symmetrical, somewhat pear-shaped, smooth and handsome; flesh a rich dark red, and very sweet, never becoming woody.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so when kept till spring. A popular winter sort.

FOLIAGE BEETS

Swiss Chard.

Used for Leaves and Leaf-Stalks only.

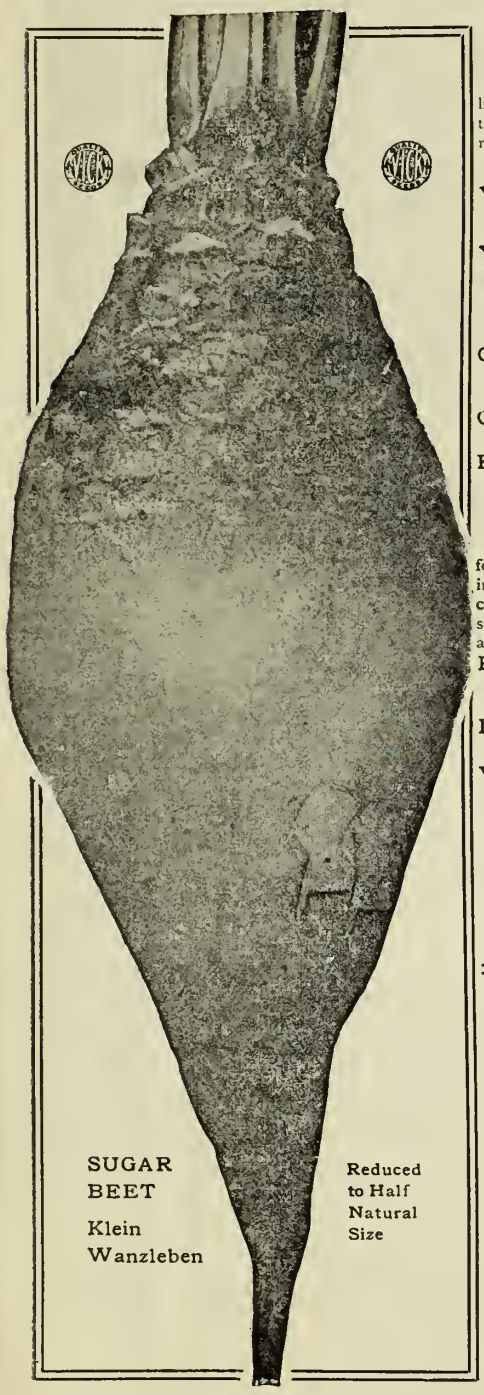
Beck's Improved Sea Kale. A variety of Beet with tender leaves, popular for cooking as "greens;" if sown at the same time as the garden Beet it will be fit for greens much earlier. The middle of the leaf is cooked and served like Asparagus; the other portion are used like Spinach. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Large-Ribbed Scarlet Brazilian. Stems and veins a beautiful crimson color; fine for garnishing. **Packet, 5 cents; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

Large-Ribbed Yellow Brazilian. Same as above, except in color, which is golden yellow. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Large-Ribbed Silver. **Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.**

Remember We pay the Postage or Express Charges, unless otherwise noted. ¶ Most seedsmen require *you* to pay these items.



SUGAR BEET
Klein Wanzleben

Reduced to Half Natural Size

MANGEL WURZEL

Those who have never tried the Mangels for stock have yet to learn of their great value for cattle, both for milk and meat. They are both juicy and refreshing, and add to the health and comfort of the animals. For field culture the rows should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre.

Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.

Vick's Mammoth Long Red This is truly a mammoth, a single root often weighing twenty to thirty pounds. Enormously productive, yielding thirty to forty tons of roots per acre.

Vick's Golden Giant *Our Leader*

Very productive. Root of magnificent size, growing with half its bulk above ground, making it easy to lift and gather. Root uniform in shape, with a smooth, russet yellow skin; flesh white, firm sweet, and greatly relished by cattle. A excellent keeper.

Golden Tankard. A distinct variety, and particularly valuable on account of its richness in saccharine matter, and is highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. Deep yellow flesh and skin.

Champion Yellow, or Orange Globe. The best round Mangel. Keeps well for winter use. It is also valuable for growing in shallow soils.

Red Globe. Similar to Yellow Globe except in color, which is a light red or pink.

SUGAR BEETS

When the Sugar Beet is planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. Although Sugar Beets are grown principally for sugar-making and for stock-feeding, they are very desirable for table use, being more tender, sweeter, and of better flavor than any of the sorts grown for that purpose. Everyone should try them.

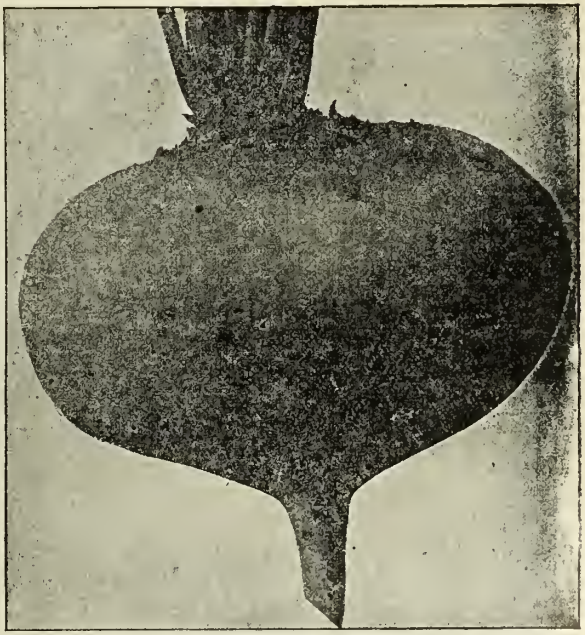
Klein Wanzleben Sugar. Is being cultivated in Germany almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

Imperial White Sugar. One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds. **Ounce, 5 cents; ¼ lb., 15 cts.; lb., 35 cts.**

Vilmorin's Red-Top Sugar. Matures earlier than other varieties of Sugar Beet, and yields a good percentage of sugar. A heavy cropper, largely grown for cattle feeding. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

A few of the Good thing listed in our Catalogue, some of which ought to be in your Garden:

Refugee Wax Bean
Lemon Cucumber
Ailsa Craig Onion
Swastika Pea
Thos. Laxton Pea
Laxtonian Pea
Delicious Squash
Earliana Tomato
Vick's Asters
Nasturtiums



CROSBY'S EGYPTIAN BEET

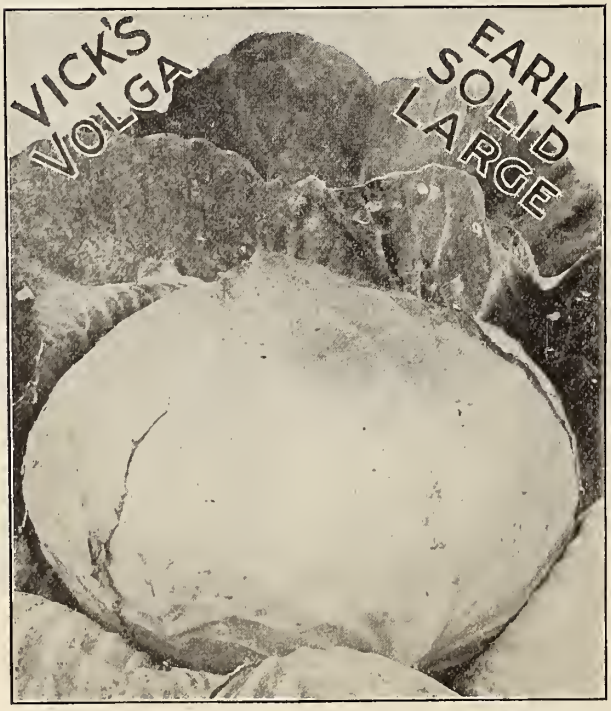
At prices quoted in this Catalogue, we prepay postage or express charges unless otherwise noted

If all Seeds were as Good as ours, there would be less for us to say; but they are not! *Therefore we repeat* Use Vick's Seeds.

CABBAGE

MANY gardeners and truckers depend on this crop almost entirely; and, realizing this fact, we are making a specialty of the varieties we offer. We know from repeated trials there are none more reliable and none that can be more implicitly depended upon. Plant the large varieties three feet apart; the small, early sorts, eighteen inches to two feet; setting the plants down to the first leaf. One ounce of seed will yield about 3,500 plants. If Cabbages are troubled with insects, use Vick's Insect Exterminator—see page 87.

VICK'S 20th CENTURY CABBAGE



Selected Early Jersey Wakefield

A Leading Early Variety. Popular for both private and market use

Our stock of this standard Cabbage is grown and selected with the greatest care, and can be relied upon both for vitality of seed and trueness to type. The heads are conical in shape, solid, and compact; the outer leaves are thick and heavy, which make the Jersey Wakefield the best for wintering over and very early setting. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

The 20th Century

Earliest of all Cabbage

This variety, introduced by ourselves in 1900, came to us from Denmark, the home of the famous Danish Ballhead Winter Cabbage, and is without exception the earliest Cabbage yet introduced. In the 20th Century we have the round shape like All Seasons and others, which is the preferable form. The heads are medium sized, and solid as a cannon-ball. It grows more compactly than either Wakefield or Winnigstadt. For garden use it is unexcelled. **Packet, 10 cts.; oz., 40 cts.; lb., $5.00.**

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are decidedly larger and not so pointed, and about a week later. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

Early Winnigstadt. A distinct second early sort, and one of the best for general cultivation. Being very hardy, it is therefore less subject to wet or drouth, insects or disease. A sure-heading variety, giving entirely satisfactory crops. The heads are uniform in size, conical in shape, and very solid. It is valuable for early use, and on account of its solidity, and short, thick leaves, it makes also a good winter Cabbage. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Improved Early Summer. Matures about ten days later than the Jersey Wakefield. It is a large-heading variety, nearly round, somewhat flattened, solid and uniform in size, and will keep longer without bursting than most of the early sorts. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Volga. A new variety lately introduced from Russia. It is strong and hardy, invariably producing a good crop. Heads large, round as a cannon-ball, uniform in size, with few outer leaves and do not crack. Compares with Early Wakefield in earliness, being but a few days later. We have thoroughly tested it for several years, and are positive it will prove all and more than we claim for it. **Packet, 10 cents; oz., 40 cents; ¼ lb., $1.10; lb., $3.50.**

All Seasons A very superior, sure-heading, long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, and in quality the best. **Packet, 5 cents; oz., 25 cents; lb., $2.50.**

Warren Stone Mason. Heads deep and nearly round. An excellent sort to carry through the winter. Its reliability for heading is unsurpassed. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Autumn King or World Beater. Grows to an enormous size, making heads as solid as a rock, and comes uniformly true to type. It can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, having few outer leaves. **Packet, 5 cents; oz., 25 cents; lb., $2.25.**

Hollander. A selection from the Danish Ballhead. The growing of the seed in this country has changed the type to a large flat head and shorter stem. It is preferred by some on account of size. **Packet, 5 cents; ¼ oz., 10 cents; oz., 30 cents; lb., $3.**

Selected Premium Late Flat Dutch No introduction is necessary for this old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in best condition for a long time. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Dollars for Cents. See Ailsa Craig Onion testimonial, page 20

Vick's Improved Danish Ballhead

Heads Hard, Solid, Tender and Crisp. The Leading Late Sort.

No Cabbage of late introduction has attained to so great popularity, or given such general satisfaction as Vick's Improved Danish Ballhead. The fame of this particular strain has become world-wide, and it stands without a peer. It commands a higher price in the market than any other variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardiest of all, tender, crisp, solid, with no waste heart. Will average six pounds per head. Do not be deceived by substitutes. There is only one Improved Danish Ballhead Cabbage, and this we import direct from our original grower in Denmark. **Packet, 5 cents; ¼ oz., 10 cents; oz., 30 cents; lb., $3.00.**

Vick's Short-Stemmed Early Danish Ballhead.

A new strain selected from the famous Danish Ballhead Cabbage, and is bound to become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. The interior leaves are pure white, crisp and tender. On account of their solidity, cabbages of this variety will outweigh those of any other variety of the same size. It is short-stemmed and as strong and vigorous as any other American variety. Fully two weeks earlier, and will keep and ship as well as Danish Ballhead. **Packet, 5 cents; ¼ oz., 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

Louisville Drumhead. A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most other sorts, and is a sure cropper. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Improved American Savoy. Decidedly the peer of all Savoy Cabbages, either for market or kitchen garden, and a reliable header. The heads are large, solid, and possess a fine delicate flavor. The curled and crimpled leaves are of a dark rich green color. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Mammoth Rock Red. This is by far the best, largest, and most reliable heading red Cabbage ever introduced. The head is large, round, very solid, and of a deep red color. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

OTHER STANDARD VARIETIES OF CABBAGE.

Large Late Drumhead. Extra Early Etampes. Early Blood Red.
Fottler's Improved Brunswick. Allhead Early
Improved Succession Surehead Early Spring

Packet, 5 cents; ounce, 20 cents; pound, $2.00.

CAMBRIDGE, June 24, 1908.

During the last twenty years I have thoroughly tested your seeds and think they cannot be surpassed, if equaled. I have put a certain number of seeds of different varieties of your Cucumber, Cauliflower, Melons, Tomatoes, etc., in the hot-beds, with the date of planting and number of seeds, every one of which germinated. During these years I have recommended your seeds to very many persons, and always to their satisfaction.

Yours very truly, MRS. ALEXANDER H. RICE.

CAULIFLOWER

The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early summer crop in February or March, in a hotbed, and when plants are three or four inches high transplant four inches apart in boxes or frames. In the middle of spring, or as soon as the gardener deems it prudent, the plants can be removed to the open ground. Set plants from two to two and a half feet apart each way. For late Cauliflower sow seed in a cool, moist place, in this latitude about the first of May. One ounce will produce about 3,500 plants.

Vick's Danish Giant or Dry Weather Cauliflower

Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Extra Early Erfurt. **Packet, 25 cents; ¼ oz., $1.00; oz., $3.50.**

Vick's Ideal

Unquestionably the leading variety for market and private use. *For reliability of heading and size and solidity of heads*, it is superior to any other variety. It is sure to head, even under unfavorable circumstances, and will attain to enormous size under ordinary cultivation. **Packet, 30 cents; ¼ oz., $1.75; oz., $5.00.** These prices are *net*, from which no discount or on which no premium will be allowed.

Early Snowball. Next to our Ideal we can recommend the Snowball as one of the earliest and surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring. It gives a pure snow-white, medium-sized head. **Packet, 15 cents; ¼ ounce, 75 cents; oz., $2.50.**

Erfurt Earliest Dwarf. This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we can highly recommend the Erfurt strain. **Packet, 15 cents; ¼ oz., 75 cents; oz., $2.50.**

Early Paris, or Nonpareil. This is a well-known standard French variety, producing very early, good-sized, pure white heads, which are tender and delicious. **Packet, 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., $2.50.**

Veitch's Autumn Giant. A distinct and valuable late variety, producing large heads, pure white, firm, and compact; and being thoroughly protected by the foliage, remains a long time fit for use. A desirable variety for the South. **Packet, 5 cents; oz., 40 cents; ¼ lb., $1.25.**

Large Late Algiers. One of the best late sorts, grown largely for fall use. It is a sure header, and endures uninjured a freeze that would materially affect other sorts. **Packet, 10 cents; oz., 75 cents; ¼ lb., $2.00.**

VICK'S IDEAL CAULIFLOWER

CELERY

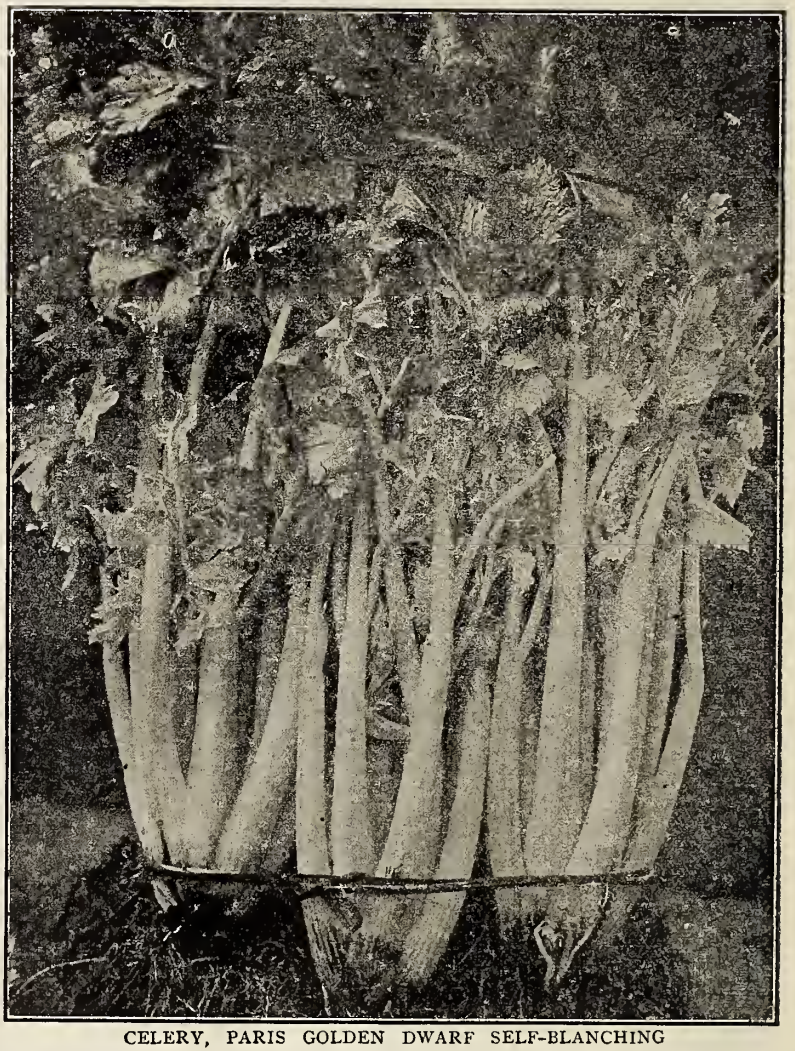
Celery seed is slow to germinate, and when early plants are wanted it should be sown in a hotbed in February or March, barely covering the seed. When the plants are large enough, transplant into coldframes, one and a half inches apart; water and attend carefully; keep the temperature moderate; and when the weather is suitable, from middle of May till June, transplant into the open ground. For main crop, sow in shallow drills in the open ground, as soon as the soil can be worked. See that the bed is kept well watered. Rolling or pressing in the seed will give more satisfactory results than merely covering it. When the plants are two inches high, thin out to three inches apart in the rows; and when four inches high, cut off the tops to make the plants stocky. The best time to plant is that which will bring the plants to maturity during the cool, moist weather—in this locality from the middle of June to early in July. Never hoe or earth up in moist weather, nor when the plants are wet with dew, as it would cause serious injury. One ounce of seed will produce 4,000 to 5,000 plants.

Paris Golden Dwarf Self-Blanching

This variety is without exception the best early Celery in cultivation. It is of dwarf habit, and very stocky; stalks uniform in height, very compact; color of a rich golden yellow. In quality it is unexcelled, being solid, tender, crisp and rich in flavor. It is of French origin, but some anxious to increase profits, have had seed of it grown in California, the result showing itself in the crops of *soft, and mixed with green, plants in many gardens.* **Our market gardener's strain, packet, 10 cents; oz., 45 cents; lb., $4.50.**

Rose-Ribbed Paris Self-Blanching. This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self-Blanching, and resembles in general character that most valuable variety. The stalks are large, thick, and beautiful, tinted with rose color at the base, while the upper part of the stems, particularly the *hearts*, are a deep, rich yellow. **Packet, 10 cents; oz., 30 cents; lb., $3.00.**

Pink Plume. The red Celeries are of very fine quality, possessing a peculiarly rich nutty flavor. This variety possesses all these good qualities, while its delicate pink color gives it a handsome appearance. **Packet, 5 cts.; oz, 25 cts.; lb., $2.50.**



CELERY, PARIS GOLDEN DWARF SELF-BLANCHING

White Plume. A variety especially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete; tender, crisp, and of good flavor. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp. It has a fine nutty flavor, and free from any trace of bitterness. It blanches with but slight earthing up, retains its freshness a long time after being marketed. **Packet, 5 cents; oz., 20 cents; lb., $1.75.**

Dwarf Golden Heart. Outer stems white, with golden-yellow heart. Solid, excellent flavor, and one of the best keeping late sorts. **Packet, 5 cents; oz., 20 cents; lb., $2.25.**

Turnip-Rooted (Celeriac) Large Smooth Prague. This is an improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

OTHER STANDARD VARIETIES OF CELERY.

Perfection Hartwell,	Giant Golden Heart,
Boston Market,	Laing's Mammoth Red,
Giant White Solid,	Winter Queen,

Packet, 5 cents; oz., 20 cents; lb., $1.75.

Seeds for flavoring. Excellent. Ounce, 10 cents; lb., 40 cents.

"The asparagus roots you sent us were fine, as all your goods are, as we have found after an experience of over thirty years.
MRS. W. H. GASPARD, Wisconsin.

At prices quoted in this Catalogue we will prepay the Postage or Express Charges, unless otherwise noted. Most other seedsmen ask you to pay these items.

CARROT,
CHANTENAY STUMP-ROOTED
Illustration one-half natural size

CARROT

FOR garden culture, sow in drills sixteen to eighteen inches apart, covering the seed half an inch to an inch deep. For field culture, sow in drills from twenty to thirty inches apart, and when plants are one to two inches high thin out to from three to eight inches apart in the rows, according to the variety. One ounce will sow 100 feet of drill; three to four pounds to an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00; except as noted.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine-grained, and remarkably fine-flavored. It is also used by gardeners for bunching for early market. Root orange-red. Top very small.

Early Scarlet Horn. This is a favorite for early crop, but not large; sold extensively in all markets bunched. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.

Half-long Nantes Stump-rooted. Of medium size, admirably adapted for bunching, and one of the best for summer use for the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.

Chantenay Stump-rooted. One of the best early Carrot in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender. Very early and a heavy cropper. A Carrot which market gardeners should plant for their main early crop.

Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties, it will compare favorably in bulk of crop, as on good land it will produce Carrots four to six inches in diameter. The crop can be pulled by hand. Excellent for table use, as well as for stock. Truly a market gardener's favorite. It is also one of the best for summer use for the home garden. Roots are about six inches long, smooth and cylindrical; no core; sweet and tender.

CARROT, DANVERS
HALF-LONG ORANGE
Illustration one-half natural size

Danvers Half-Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, and tender. A great favorite with market gardeners; also valuable for a field crop, owing to its productiveness. **Packet, 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.**

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. The core is small and tender. Enormously productive. Very desirable for private gardens, as well as for market. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

Improved Long Orange. The old standard and popular variety. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

Improved Short White (Vosges). For a field Carrot this is unexcelled. The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily harvested. Especially suited to shallow soils. Enormously productive. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.**

Belgian Carrots. The great stock-feeding Carrots of Europe. Roots grow to a large size; partly above ground. Very productive. Orange Belgian, White Belgian. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.**

COLLARDS

This is a variety of Cabbage largely grown in the South, where it is extensively used for both table and stock. It forms a large, loose, open head or mass of leaves. Freezing does not injure it. Sow seeds in the South from January to May, and August to September.

True Georgia. **Packet, 5 cents; oz., 10 cents; lb., $1.00.**

At prices quoted in this Catalogue, we prepay the Postage or Express charges, unless otherwise noted

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family. They are grown exclusively for their tops, which are used for giving a mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. **Roots, per bunch, 25 cents, by mail, prepaid.**

CORN SALAD—Fetticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing. Sown in August and September, in drills one foot apart, and protected with a few leaves or straw during winter, it can be gathered very early in spring. Sown in April it is soon fit for use. The soil for Corn Salad should be very rich. Sow two ounces to 100 feet of drill. **Packet, 5 cents; oz., 10 cents; lb., 60 cents.**

CARROT, GUERANDE OR OXHEART

Sweet Corn

Sweet Corn should not be planted very early in the season, for it will not make any progress until the weather is warm, and will be very apt to rot. Plant in hills, three feet apart for the earliest varieties, and three and a half to four feet for the late ones. One quart will plant 200 hills; 8 to 10 quarts for an acre in hills.

Packet, 10 cents; ½ pint, 15 cents; pint, 25 cents; quart, 40 cents; except as noted.

Vick's Golden Nugget

One of the best varieties we have ever grown

This extra choice variety was introduced by us in 1892, and for several years was a favorite with thousands of our customers. The growing crop was lost owing to an unfavorable season, and we were unable to renew it until 1907, when we fortunately secured, from an old customer, a small quantity grown from our original stock. Ears larger and more prolific than Golden Bantam, tender, and unusually sweet. It is second early, but ripens soon after the early sorts. You can know the superiority of Golden Nugget by trial only, so don't fail to include a packet in your order. **Packet, 15 cents; ½ pt., 25 cents; pt., 40 cents; qt., 60 cents.**

First Early Varieties

Vick's Earliest of All. This is in *fact* the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price it commands when the supply becomes general. Also desirable for home garden.

Mammoth White Cory. An excellent sort but little later than Earliest of All. In fact our selection of seed stock and careful growing of this strain make it the largest and best extra early in our list. The stalks are large, while each stalk bears two or more large, fine-shaped ears, twelve-rowed; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.

Metropolitan. A favorite, considered by many as superior to other early sorts. The plant grows five to six feet in height; the ears average nine inches long, are 10 to 12 rowed, well filled out, and set low on the stalk; the kernels are exceedingly white in color. Sweet and tender.

Early Minnesota. An old and popular dwarf variety. Ears fine, of good sweet quality. Desirable for both the market and private garden.

Hiawatha. A new variety of unusual merit. Early, productive and quality of unsurpassed sweetness. From five to six feet tall; ears seven to eight inches in length, and fourteen to sixteen rows of tender, juicy kernels. It is a desirable variety for either the home garden or the market gardener. **Packet, 10 cents; ½ pint, 20 cents; pint, 30 cents: quart, 50 cents.**

Extra Early Golden Bantam. The Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet high, bearing one to two medium sized ears of a rich, golden, yellow color. When cooked is exceedingly sweet and tender, an ideal sort for the home garden. **Packet, 10 cents; ½ pint, 20 cents; pint, 30 cents; quart, 50 cents.**

Kendel's Early Giant. This variety is one of the *largest early Sweet Corns*. It comes in soon after the Cory. Ears eight to ten inches long, 12 to 18 rowed, filled well to the tip with broad, white, sweet kernels of excellent flavor. Stalks short, bearing one to two ears.

Medium and Second Early

Crosby's Early. Remarkably early and of best flavor. Ears medium size; twelve-rowed; sweet and thick. Largely grown for canning.

Perry's Hybrid Sugar. A very popular and a remarkably long-eared sort for one so early. Ears ready for use a few days later than Early Cory and Minnesota, but double the size of either. Ears twelve, rowed; kernels large, tender, and deliciously sweet. Stalks of great vigor, about six feet high, with two perfect ears to the stalk.

Early Evergreen. This fine variety is ten to twelve days earlier than Stowell's, and though it is not quite as large, it yields large, handsome, ten or twelve-rowed ears. An excellent variety to follow Moore's Early Concord.

Early Mammoth. The earliest, sweetest, and largest of the mammoth sweet varieties. Probably no other Sweet Corn will yield as much fodder, and for this reason it is extensively planted, to be fed green or dry.

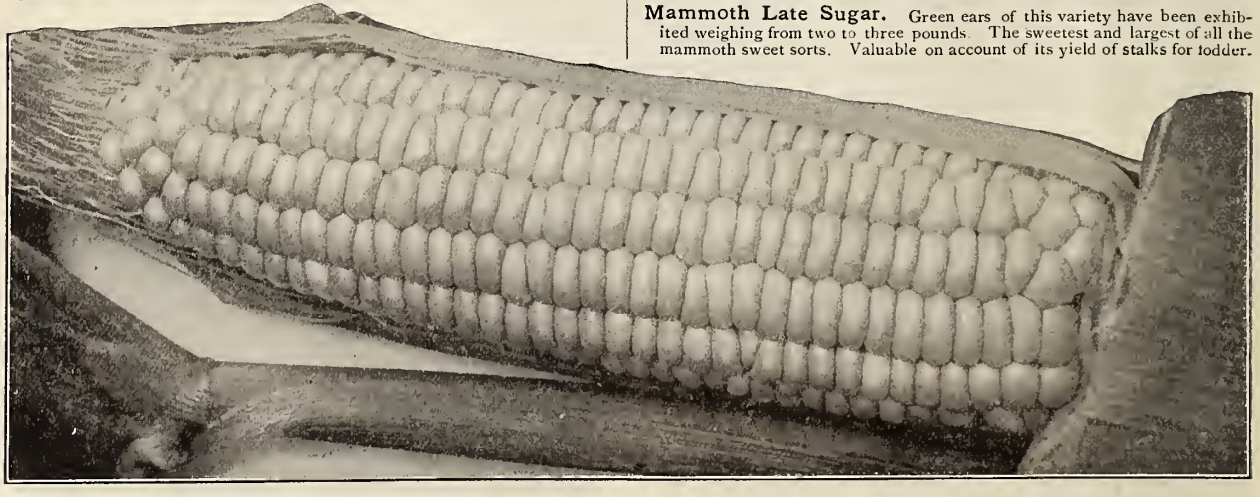
Potter's Excelsior (Squantum). A well-known sort, extensively grown for market and canning purposes; also used throughout New England in their famous clambakes. It is remarkably sweet, and wonderfully productive.

Stowell's Evergreen. There never was, and we believe there never will be, a better late Sweet Corn. For a late main crop, for family use, the general market, or for canning, it is unexcelled. Stalks of strong growth, two large ears to the stalk, 12-rowed, very sweet and tender.

Black Mexican. The ripe grain of this novel variety is black or bluish black, but when in condition for the table looks remarkably white. This is considered the sweetest and most tender of any variety of Sweet Corn.

Country Gentleman. A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetness; the cob is small, and the corn white and tender, it is sure to please. It is somewhat later than Stowell's Evergreen.

Mammoth Late Sugar. Green ears of this variety have been exhibited weighing from two to three pounds. The sweetest and largest of all the mammoth sweet sorts. Valuable on account of its yield of stalks for fodder.



VICK'S GOLDEN NUGGET SWEET CORN

FIELD CORN

Quart, 30 cents, postage paid.
Peck, 55 cents; bushel, $1.75; bag, two bushels, $3.25; except as noted.

Peck or bushel by express or freight at expense of purchaser.

Please add cost of bags when ordering. ¼ bu., 8 cents; ½ bu., 10 cents; 1 bu., 12 cents; 2 bu., 22 cents.

Genesee Valley. A yellow, eight-rowed Flint variety, originating through the crossing of the popular Longfellow with a choice local stock. The cob is white, twelve to fifteen inches in length, and very slender. The grain is a golden yellow, large, and compactly set, covering both butt and tip. It is an exceedingly early, hardy, and productive variety, yielding on good land from eighty to 100 bushels of shelled corn per acre. It is easy to husk, and the stalks make good fodder. We make a specialty of this variety, growing and selecting it on our farm. **Quart, 30 cents; peck, 60 cents; bush., $2.00.**

Early Sanford. An early white flint variety; equally valuable for ensilage or grinding. **Quart, 25 cents; peck, 60 cents; bushel, $2.00.**

Pride of the North. A sixteen-rowed Yellow Dent variety. Ears eight to ten inches in length; cob very small and red, with grain above medium size and closely set. It produces an enormous quantity of shelled corn to the amount of cob. Stalks six to eight feet, and frequently bearing two ears. An exceedingly early and prolific variety.

Improved Leaming. Similar to above in every respect, but about two weeks later in maturing. A very desirable variety for fodder.

Champion White Pearl. A new, early, thoroughbred White Dent Corn. Ears average sixteen rows, with very small cob; ripens in 90 to 100 days from time of planting. Very productive, yielding fully as well as the Yellow Dent sorts.

Early Mastodon. An improved Yellow Dent, large yield, large grains, and early ripening. It has the largest number of rows on a cob, and the largest grains of any Corn ever originated; brings a high price in the market, of medium height, grows rapidly, and ripens in 100 days. From 170 to 200 bushels per acre have been produced as far north as latitude 42° 30′.

Golden Beauty. A grand new Dent variety of vigorous growth and immensely productive on rich soil. The ears are of perfect form, remarkable in size, filled to the tip with ten to fourteen rows of remarkably large bright golden grains. Cob very small for so large an ear. Ripens in from 110 to 120 days. Stalks ten to twelve feet in height, with abundant foliage.

Improved Early Sheeptooth. (Fodder Corn). Earlier and better adapted for fodder and ensilage in the Northern States than the ordinary Southern Sheeptooth. The stalks are twelve to fourteen feet in height, and enormously productive. This improved sort is generally superseding all known varieties for ensilage purposes. **Peck, 40 cents; bushel, $1.25; bag of 2½ bushels, $3.00, with no charge for bag.**

Sweet Fodder. There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of rich milk. It is also excellent for soiling. Sow in drills, one and one-half bushels per acre; or broadcast double the quantity. **Peck, 50 cents; bushel, $1.50.**

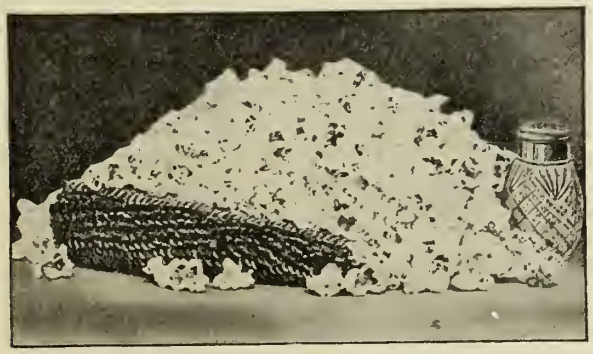
POP CORN

Shelled corn, packet, 10 cents; ½ pint, 15 cents; pint, 20 cents; quart, 35 cents.

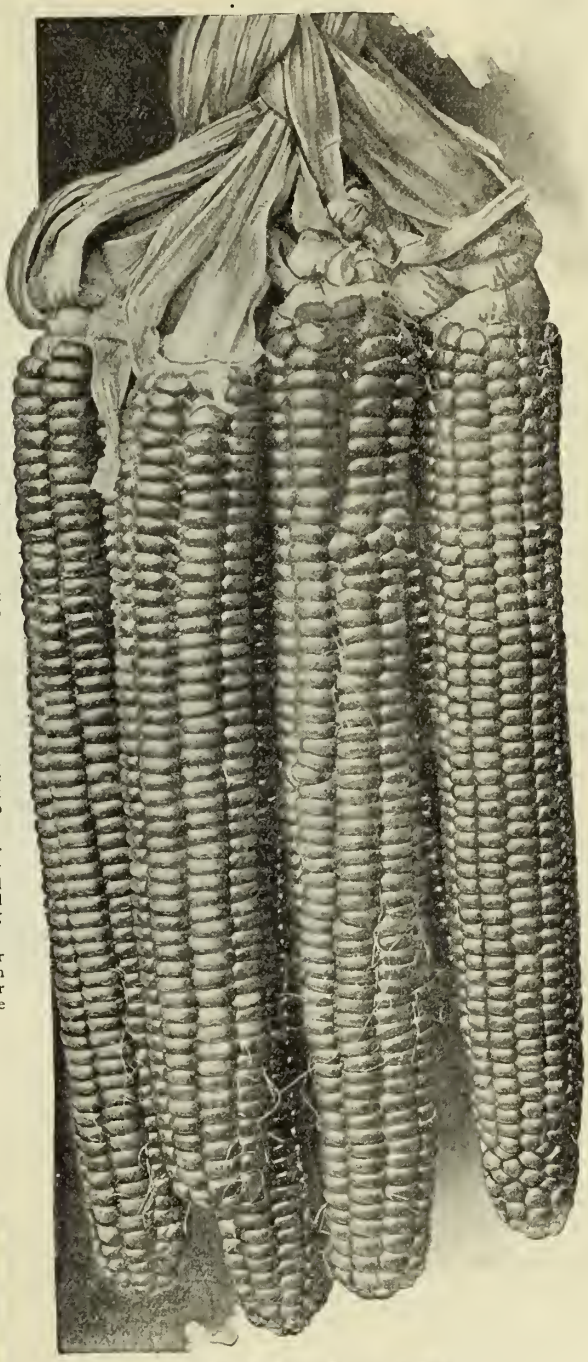
White Rice. The most popular for general use

Queen's Golden. Pops creamy white.

Silver Lace. The best white-grained variety.



WHITE RICE POP CORN



Genesee Valley Field Corn

CHICORY

Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in good mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are also used as a substitute for and an adulterant of coffee. One ounce is sufficient for 100 feet of drill.

Large-Rooted Long Magdeburg. Packet, 5 cents; oz., 10 cents; lb., $1.00.

CUCUMBER

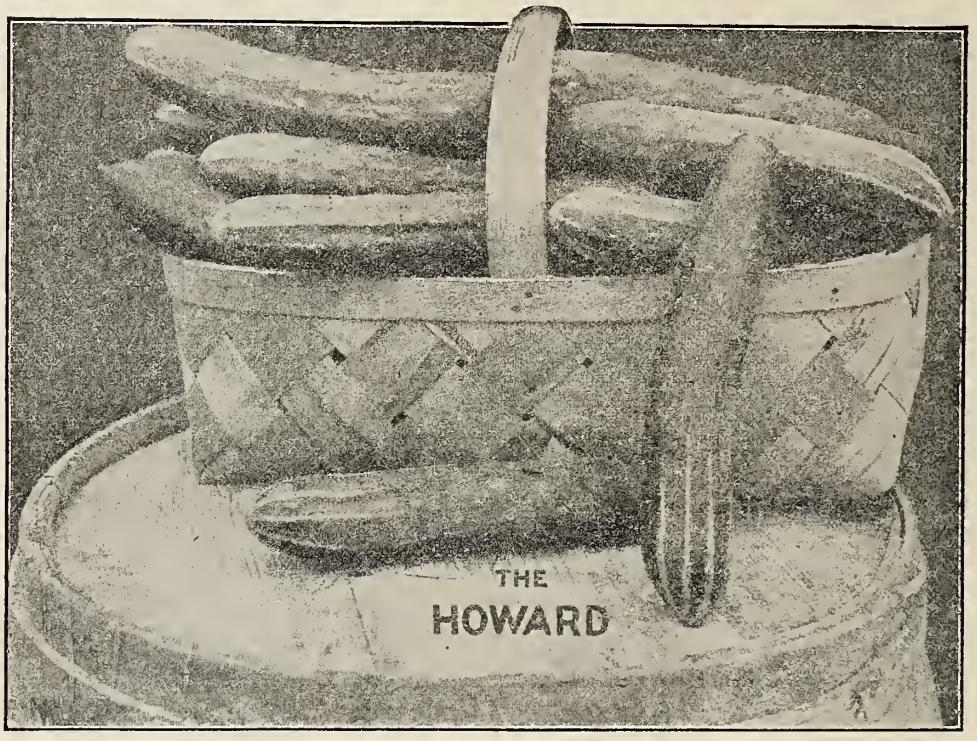
IN this latitude it is useless to plant in open ground until nearly the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. One ounce for fifty hills; two pounds per acre when planted in hills.

Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, $1.00; except as noted.

Vick's Early Perfection White Spine

Unrivaled in Size Shape, Color and Productiveness

It excels in earliness, and is one of the best for either the home garden and forcing; also extensively grown for pickles. This most valuable strain is grown from stock seed produced on our own farm, our selections being made from the choicest and most perfect fruits only. **Packet, 5 cts.; oz. 15 cts.; lb., $1.25.**



Improved Early White Spine Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size.

Improved Long Green. A well-known standard variety, about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed by any. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

Early Frame or Short Green. An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.

Chicago or Westerfield Pickling A variety much esteemed above all others by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity. Fruit medium length, pointed at each end, with large and prominent spines; color a deep green. It combines all the good qualities of an early Cucumber.

Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small. **Packet, 5 cents; oz., 15 cents; lb., $1.25.**

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort.

The Howard A handsome and very productive forcing variety, making fruit of the finest quality and shape, with exceedingly small seed cavity. It is also an extra fine open-ground variety, combining the good qualities of Improved Long Green with the fine shape and color of the White Spine; in fact it is a cross between these two excellent varieties, and is used largely for forcing by our Rochester market gardeners, on account of its earliness, size, and rich dark green color. **Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.25.**

Early Russian. Earliest and hardiest small Cucumber in cultivation, being only three to four inches long; thick and oval in shape, and produced in pairs. Solid, with few seeds.

FOREIGN VARIETIES

Japanese Climbing. A strong and vigorous grower; and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts, and can be grown on trellises, fences, or poles. The fruits, from ten to twelve inches in length, are of excellent quality either for slicing or pickling. **Packet, 10 cents; oz., 20 cents; lb., $2.00.**

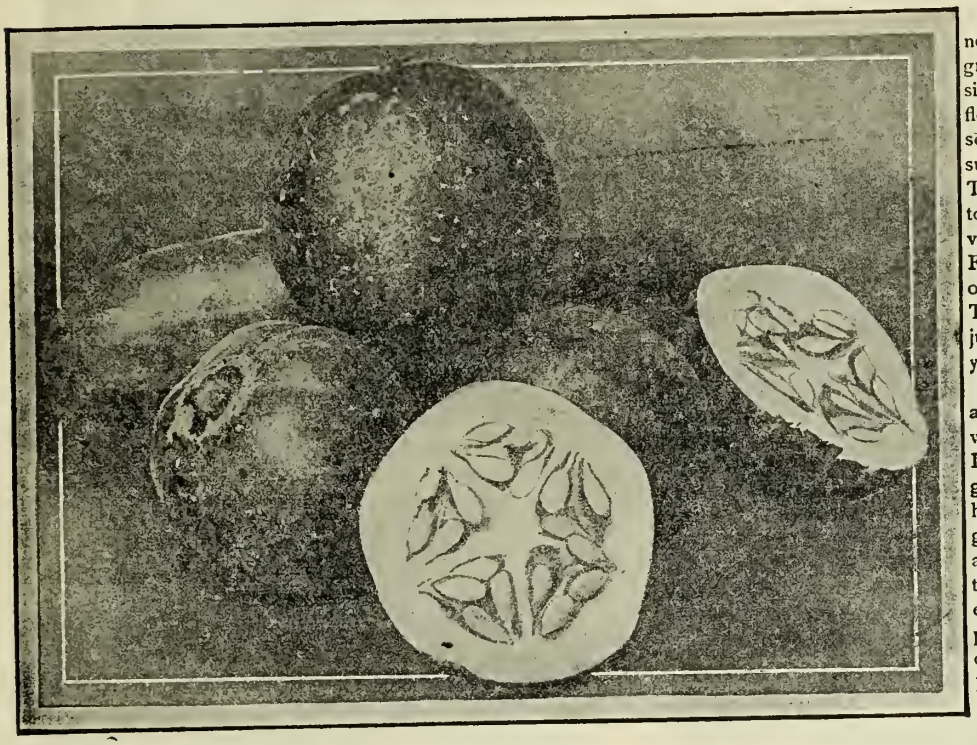
Rollison's Telegraph. The very best of all imported sorts; twenty-six to thirty inches long. **Packet, 25 cents.**

Noa's Forcing. Most productive sort; thirty to thirty-six inches long. **Packet, 25 cents.**

Remember We pay the Postage or Express Charges, unless otherwise noted. ¶Most seedsmen require *you* to pay these items.

Vick's Lemon Cucumber

A Novelty of merit Tried and True



The Lemon Cucumber is nearly round, with yellow and green markings and smooth skin similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruit is from two and a half to three inches in diameter, and very attractive in appearance. For pickling, either when green or ripe, they are unexcelled; They should be used for the table just as the fruits are turning yellow.

For lack of space we are unable to say all the good things we should like in lauding our Lemon Cucumber, other than a guarantee to our friends who have not tried it that if they will grow it this season, it will be assigned a prominent place in their list of favorites. Customers who do grow it, say they prefer it for quality and productiveness to any other variety.

Packet, 10 cents; ounce, 25 cents.

CRESS—Peppergrass

Cress should be sown in a hotbed or in a sheltered spot in the garden, quite thick, in shallow drills, and in a short time it will be fit for cutting. It gives a pungent relish to Lettuce, and other salad plants. A fresh lot should be sown every week, as it matures very rapidly and is useful only when young.

Packet, 5 cents; oz., 10 cents; lb., 50 cents; except where noted.

Fine Curled. Superior; will bear cutting several times.

Broad-Leaved Garden. Sometimes used for soups.

Australian. Leaves delicate green; flavor mild and fine.

Water. Does well in mucky situations, but better on the edge of streams, in shallow water. It needs no after-care. **Packet, 10 cents; oz., 30 cents; lb., $3.00.**

DANDELION

Sow as early in spring as the weather will permit, in well-enriched soil, in rows eighteen inches apart, covering the seed one-fourth of an inch deep. Thin the plants to twelve inches apart. Keep clear of weeds, and the following spring the leaves will be fit to cut. One ounce is sufficient for 100 feet of drill.

Arlington. A favorite with the Boston marketmen. Leaves very finely cut and curled. **Packet, 10 cents; oz., 50 cents.**

Improved Thick-Leaved. Leaves thicker than Arlington and not so finely curled. **Packet, 10 cents; oz., 50 cents.**

Common. **Packet, 5 cents; oz., 25 cents.**

HORSE RADISH

Horse Radish is grown from pieces of the roots. Mark off rows two and a half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

Roots, 3 for 10 cents; per dozen, 25 cents, postpaid.
By freight or express at purchaser's expense, 75 cents per 100.

ENDIVE

Endive is an excellent autumn and winter salad. Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce to 100 feet of drill.

Packet, 5 cents; oz., 15 cents; lb., $1.25.

Moss Curled. Foliage very dense and beautifully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut; easily blanched to a fine white.

White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. Leaves broad, thick, somewhat wrinkled.

EGG PLANT

Those who have no hotbeds can sow a few seeds in boxes in the house where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

Black Beauty. A distinct new Egg Plant of most remarkable merit. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. **Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.**

Improved New York Purple, Spineless. The standard for home use and market. Fruit very large, productive, and of the highest quality. **Packet, 10 cts.; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.25; lb., $4.00.**

Early Long Purple. Eight or nine inches long. One of the earliest and very productive. **Packet, 5 cents; oz., 20 cents; lb., $2.00.**

The $1 Special purchased of you by me for use in Canton, Pa., this Spring gave us great pleasure. Everything came on in fine shape. The Lemon Cucumber I advertised largely for you there; they were fine and abundant. MRS R. H. PERRY.

LETTUCE

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used, let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the bed be about four inches apart. As they increase in size thin them out, or they will become weak. One-half ounce will sow 100 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 35 cents; lb., $1.25, unless otherwise noted.

LETTUCE, IMPERIAL WHITE CABBAGE

Cabbage or Heading Varieties

Vick's Premium Cabbage. An old favorite, excellent for all uses and seasons. Heads well; remaining in good condition without going to seed for a long time. Heads medium to large. Color bright green.

Vick's Royal. A fine variety, largely used in the Paris markets. The seed we offer comes direct from the originator. It produces a medium-sized head of a beautiful golden color, crisp and tender. **Packet, 5 cents; oz., 20 cents; ¼ lb., 40 cents; lb., $1.50.**

LETTUCE, CRISP AS ICE

Big Boston

The Best and Hardiest Large Heading Sort.

The outer leaves are a rich green, crisp and tender, and the center of the head a beautiful butter-yellow and white, very fine grained, and packed as close as a cabbage. **Big Boston** is more extensively used for market than any other variety, many acres being grown in the vicinity of Rochester alone. Plants are sure headers, and stand a long time before seeding. The seed we offer is saved from selected and perfect plants only. **Packet, 10 cents; ounce, 25 cents; ¼ lb., 40 cents; lb., $.1.50.**

The Keene. Originated near Rochester, and is used extensively by our market gardeners for forcing under glass and for early spring planting out-of-doors. The color is a rich, bright green. It forms good-sized heads very quickly, and for this reason can be marketed weeks before the Boston Forcing and other popular market sorts. It is extremely hardy, and does not burn, or blight in any way. We are pleased to offer this excellent variety, knowing that it will give perfect satisfaction wherever grown. **Packet, 10 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.**

Cooper. Named after one of Rochester's leading market gardeners. It is sown in the fall and the young plants covered with stable litter just before the first hard freeze. In the spring the covering is removed. It soon forms large compact heads, *even better* than the hot-house grown. This variety is equally as good for spring and summer sowing. **Packet, 10 cts.; oz., 25 cents; ¼ lb., 40 cents; lb., $1.50.**

Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are of large size, handsome shape, and solid. When cut open they have a rich creamy yellow heart, and are so tender and brittle as to warrant the name, "**Crisp as Ice.**" The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green.

Golden Queen. A fine early head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow. The heads are so solid that there is no waste whatever, and really contain more substance than many varieties showing double the size. **Packet, 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.**

Imperial White Cabbage. A splendid variety; excellent for family use and market. It is one of the very best for growing out-of-doors, as it withstands summer heat well, and remains a long time in the head. Heads large and extremely solid, of a light green color; very crisp, tender, and of first rate quality. In our estimation it is the best summer Lettuce in cultivation. It is shipped to eastern markets in large quantities. Very similar to The Deacon.

Tennis Ball, or Boston Market. A well-known forcing variety. One of the earliest and best heading sorts.

Improved Hanson. This is a standard summer Lettuce; none more reliable for outdoor cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is very slow to seed, and is an ideal Summer Lettuce.

May King. A new variety highly recommended. Medium-sized round solid heads, light green in color, as plants develope turn to a rich golden yellow; fine buttery flavor. **Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

Salamander or Satisfaction. Forms large, solid, compact heads, resisting summer heat and remaining long in head. Leaves smooth, thick, and very tender; the inner head blanching almost white. An excellent spring, summer, or fall variety. Invaluable in the Southern States.

LETTUCE, GRAND RAPIDS FORCING

LETTUCE, VICK'S ROYAL

LETTUCE, GOLDEN QUEEN

Curled or Loose-Leaved Varieties

Early Prize Head. Forms a large, loose head, stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one-half pound to a plant.

Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

Paris White Cos. The Cos Lettuces are quite distinct, and are popular on account of their tender crisp leaves and delicious flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

OTHER STANDARD VARIETIES OF LETTUCE

Deacon. Denver Market.

KOHL RABI

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills; or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip. One ounce will sow 200 feet of drill.

Early White Vienna. Delicate; much prized for forcing. Packet, 5 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Early Purple Vienna. Another forcing variety, similar to above except in color. Packet, 5 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Large Early White or Green. Used for feeding stock. Packet, 5 cents; oz., 20 cents; lb., $1.50.

LEEK

The Leek is a mild onion-like plant. It is prized for soups, and is thought to be superior to the Onion for this purpose. Sow early in April, in drills, covering the seed half an inch deep. When the plants are about the size of goose quills, transplant to a deep rich soil, in rows one foot apart, and five inches apart in the row, setting the roots deep, so that the neck may be covered and blanched.

Broad Flag. An old favorite. Large, hardy, and productive. Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

Musselburg. The largest variety. Hardy. Flavor very mild. Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

MUSHROOMS

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. From old pastures procure the soil, and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become pretty hot, but let the heat recede until it is only 85° or 90°. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover it with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, covering with hay as before. One pound of spawn is enough for a bed 3x6 feet.

Mushroom Spawn, English. One pound, by mail, 25 cents; eight lbs., by express, not prepaid, $1.00.

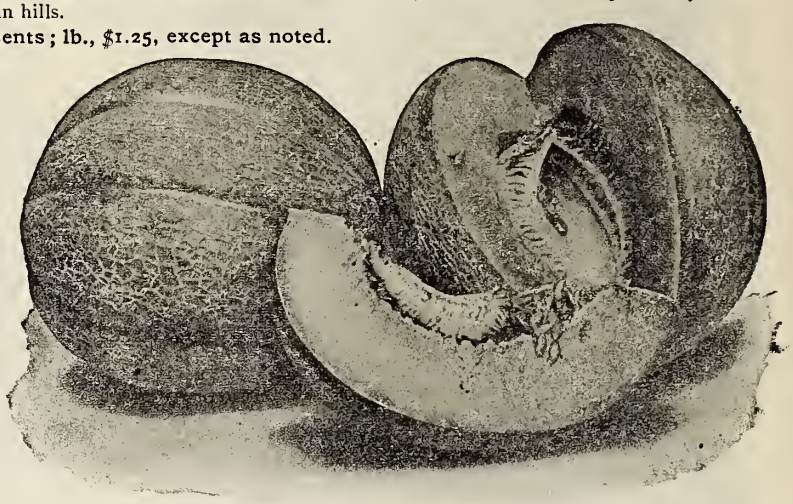
Muskmelon

THE Muskmelon can be successfully grown in a much larger territory than the Watermelon. It does not require so long a season for maturing its fruit as does the latter, and therefore can be planted in more northern latitudes. Neither does it require the warm sandy soil of the Watermelon. It can be grown in colder and heavier soils with but little manuring, which should be placed in each hill. The hills should be six feet apart. Do not plant until the ground has become warm and dry. One ounce will plant fifty hills. Two pounds are sufficient for an acre, when planted in hills.

Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25, except as noted.

Vick's Famous Irondequoit

When in season it holds the market to the exclusion of all others; and gardeners, truckers, home-growers, and buyers unanimously pronounce it the finest in appearance, best flavored, and for all purposes the peer of Muskmelons. In form it is nearly round, slightly flattened at the ends, and is of good size. Its fine netted skin, yellow when ready for picking, and its beautiful dark orange-colored flesh, added to its rich, rare, and spicy flavor, at once places the **Irondequoit** far in advance of all others. **Packet, 15 cents; ½ oz., 50 cents; oz., 75 cents; ¼ lb., $2.75; lb., $10.00.**

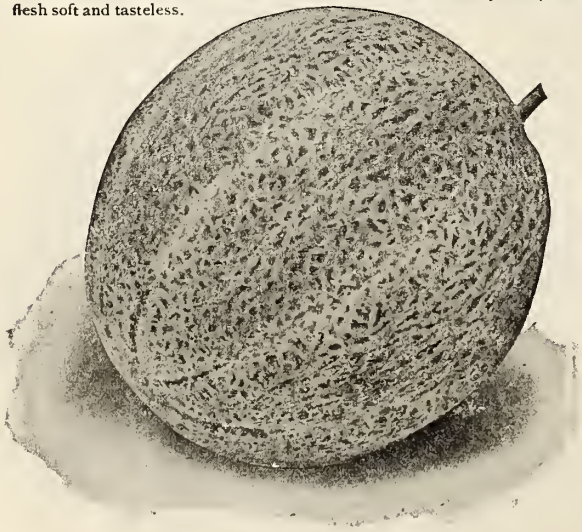


MUSKMELON, VICK'S IRONDEQUOIT

SMALL VARIETIES

Rocky Ford. This is the most popular of the small Melons, being extensively grown and shipped in car-loads for the markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. The fruit of this really pretty Melon is small to medium, globular in form, flattened at the blossom and stem ends; skin smooth and slightly ribbed. It shows a rich emerald green color with narrow stripes of a light green in the ribs. Flesh very thick, ripening close to the rind, of a deep, rich, salmon color, deliciously flavored and of superior quality. The fruit should be picked as soon as it will separate readily from the vine, and kept in a cool place until needed. If left on the vine the skin becomes yellow, and the flesh soft and tasteless.



MUSKMELON, PAUL ROSE OR PETOSKY

Paul Rose or Petosky. This sort has given perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The flesh is thick and firm, a deep salmon or orange color; most delicious and appetizing.

Golden Netted Gem. A small extra early variety maturing at same time as Jenny Lind. It is very uniform in size, handsomely netted, and of globular shape. Flesh a light green, and possesses the spicy flavor so much desired in the Muskmelon. A popular variety with market gardeners.

Jenny Lind. This is one of the oldest varieties of Muskmelon. The fruit is small and round, flat on both ends, deeply lobed, and finely netted. The flesh is green and luscious. It comes into market first of all.

MEDIUM-SIZED VARIETIES

Vick's Prolific Nutmeg. The vines are hardy and vigorous. Fruit medium size, round, slightly flattened at both ends, ribbed, with distinct netting; flesh green, thick, solid, and of delicious, spicy flavor.

Osage, or Miller's Cream. A remarkably fine variety, and a very profitable sort for market gardeners. It is of medium size, oval in form, dark green in color, handsomely netted, and slightly ribbed. The flesh is extremely and uniformly thick, of firm texture, rich salmon in color, highly flavored and delicious to the rind. Cavity very small. It is a remarkable keeper and a good shipping Melon.

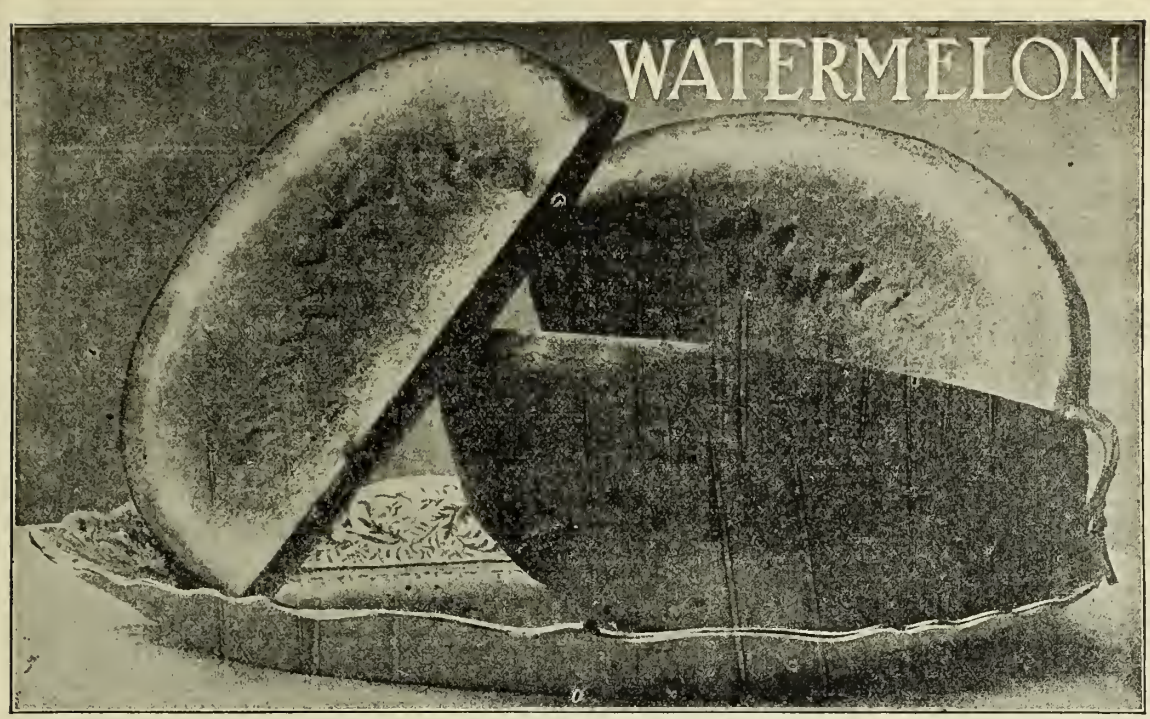
LARGE VARIETIES

Extra Early Hackensack. This is a very popular sort, producing large, handsome, and extra early Melons of best quality. Fruit nearly round, deeply ribbed, and very coarsely netted. The flesh is green, of most delicious flavor. **Packet, 5 cents; oz., 15 cents ¼ lb., 45 cents; lb., $1.50.**

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor. **Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., $1.50.**

OTHER STANDARD VARIETIES OF MUSKMELON

Banquet **Champion Market** **Large Hackensack** **Surprise**



WATERMELON, SWEET HEART

Plant in hills eight to ten feet apart. The same culture as recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and three pounds an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00; except as noted.

Sweet Heart

One of the very best early varieties for the home garden, of the largest size, nearly globular in shape; skin a bright, beautiful, mottled green; rind thin; flesh bright red, firm, and solid to the center, heavy, but crisp, melting, and exceedingly sweet. A good keeper, and improves in quality for a long time after ripening. Vine vigorous and productive, ripening its fruit early.

Cole's Early

This is one of the finest and best Watermelons for the amateur and for the home market. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle, hence not desirable for shipping; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Florida Favorite. An excellent variety of large size. Shape oblong; skin mottled with alternate dark and light green stripes; rind thin but firm; flesh bright crimson, very crisp, and deliciously sweet. Ripens ten days earlier than Kolb's Gem or Mammoth Ironclad.

McIvor's Wonderful Sugar. This is of Southern origin, and is one of the very best Melons in cultivation. It excels in both beauty and lusciousness, being exceedingly sweet and juicy. The Melons attain great weight and size; oblong in shape, the rind showing broad stripes of light and dark green. The flesh is a rosy pink, perfectly solid, crisp, and of delicious flavor.

Dixie. A decidedly popular Melon. A cross between the Kolb's Gem and the old reliable Mountain Sweet. It surpasses the Kolb's Gem as a long-distance shipping Melon, while it fully equals the Mountain Sweet in its excellent flavor, and is ten to twelve days earlier than either. In shape about one-third longer than thick; color of skin dark green and beautifully striped; rind thin, but remarkably hard; flesh bright scarlet, sweet and juicy.

Vick's Early. This variety is prized for its earliness. It is oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. It makes a good extra early market or home garden Melon.

Kleckley Sweets

This variety is one of the finest-flavored Melons grown. The fruit is oblong in form, eighteen to twenty inches long, and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind, which is only about one-half inch in thickness. Not a shipper, but highly recommended for the home market and family garden.

Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting. Its delicious flavor entitles it to the name of **Peerless.**

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Georgia Rattlesnake. One of the largest varieties, and stands shipment long distances. Fruit of good size, oblong in form, distinctly striped and mottled light and dark green; flesh bright scarlet and of excellent quality. An old and very popular sort.

Citron for Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state. Very prolific.

OTHER VARIETIES OF WATERMELON

Which we can supply at the uniform price of: **Packet,** 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.

Black Diamond, Fordhook Early, Mountain Sweet, Cuban Queen, Seminole, Kolb's Gem, Jordan's Gray Monarch, Mammoth Ironclad.

ONIONS

ONIONS must have a clean and very rich soil, as it is useless to attempt to grow them on poor ground. A liberal use of manure is more essential to these than any other crop. Sow in drills not less than a foot apart nor more than half an inch deep, keeping the soil mellow and clear of weeds. One ounce will sow 100 feet of drill, or five pounds per acre.

Ailsa Craig

Flavor Mild. Size Immense. Solid and heavy

Without doubt the choicest sort introduced in many years; for home use as well as exhibition purposes, Ailsa Craig combines all the necessary qualities for the ideal Onion. The skin is pale yellow, flesh snow-white, delicious in flavor, in fact is equal in every respect to the popular Spanish onions. While attaining an immense size, from one and one-half to two and one-half pounds at maturity it is solid to the core, one of the most desirable points in large varieties. After another year's experience in growing Ailsa Craig, we are more favorably impressed with its good qualities than ever. Anyone who enjoys the mild Spanish Onion, should not fail to plant at least a packet. **Packet, sufficient to sow 25 feet, 10 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; lb., $4.00.**

Southport Yellow Globe. It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The flesh is white and mild in flavor. It is quite productive and a good keeper. They always command a high price in the markets. **Packet, 5 cents; oz., 25 cents; ¼ lb., 65 cents; lb., $2.25.**

Vick's Selected Strain of Danvers Yellow Globe

This stock was raised particularly for us by one of the most critical growers in America, and under ordinary conditions is bound to produce the most satisfactory results. The flesh is pure white, while the exterior of the root is of a light brown color. The bulb is extremely hard and solid, and its earliness, sure cropping character, handsome appearance, and excellent quality, have placed **Danvers Yellow Globe Onion** among the best and most popular varieties, either for market or home use. Our supply being raised in the Eastern States, the seed is adapted for growing in any section or climate, and we pride ourselves on the superiority of the strain we offer. **Packet, 5 cents; oz., 25 cents; ¼ lb., 65 cents; lb., $2.25.**

Mammoth Prize Taker. Genuine seed of this variety produces handsome, large, Yellow Globe Onions. Our seed we have specially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild, and tender. **Packet, 5 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.25.**

Large Yellow Dutch or Strasburg. This variety is one of the old standard sorts. It is flat, white-fleshed, fine grained, and mild. It is exceedingly productive and a good keeper. A popular sort for growing sets, the product being a round, bright, smooth set. **Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.**

Eight Dollars from Ten Cents

I bought one packet of Ailsa Craig Onion seed of you last year and sowed seed in the house the 25th of March and transplanted in the garden the 10th of May. I think every seed made a large Onion, for I harvested eight bushels of nice large Onions that sold for $1.00 a bushel.

F. W. MILLET, Rochester, Minn.

A COMPARISON OF AILSA CRAIG AND DANVERS YELLOW GLOBE ONIONS. Illustrations one-half natural size

Round Yellow Danvers. Shape round, flattened at the ends. Earlier than the Globe sort. Does well on moist ground. Packet, 5 cents; oz., 25 cents; ¼ lb., 50 cents; lb., $2.00.

Australian Yellow or Golden Globe. An extra early variety, originating in Australia, solid, medium size with small tops. It is extremely early and therefore sure to ripen. Flesh white, of excellent mild flavor. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Australian Brown. Distinct from all other Onions. Is uniform in size and shape, wonderfully hard and solid; and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber-brown; flesh mild and agreeable. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Extra Early Flat Red. The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Red Wethersfield. It is adapted to cold, damp, mucky soils, where other varieties fail to produce large-sized Onions. Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.

Large Red Wethersfield

The standard red, and, owing to its productiveness, the most profitable for the market gardener. Form somewhat flattened, skin a deep purplish red, flesh purplish white. The best variety for poor or dry soils. Packet, 5 cents; oz., 25 cents; ¼ lb., 65 cents; lb., $2.25.

Southport Large Red Globe. Our strain is unsurpassed; it is used for growing the exceedingly fine large bulbs seen in the New York markets. Its beautiful form makes it extremely desirable. It produces large crops on favorable soils, and is a good keeper. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

Southport White Globe

Handsome, large-sized, globular in form. Skin and flesh a pure white. To succeed in producing good pure white Onions, the crop should be pulled just as the stalks begin to fall down, and then allow them to dry off in the open air, keeping them free from rain or dew, which would cause discoloration of the bulbs. Packet, 5 cents; oz., 25 cents; ¼ lb., $1.75; lb., $2.50.

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

EGYPTIAN OR PERENNIAL TREE ONION SETS

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection; grow rapidly, and are very productive, sweet and tender. Quart, 30 cents; peck, $1.00; bushel, $3.00.

At quart prices we prepay postage. Bushel and peck delivered at freight or express office, Rochester.

ITALIAN ONIONS

The flavor of the Italian sorts is mild and well adapted for all culinary purposes. Seed should be sown thicker than that of the American sorts.

Mammoth White Garganus or Silver King. This is a mammoth in size and the largest in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early. Packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Large White Flat Italian Tripoli. A handsome, large, pure snow-white, flat Onion, mild and of excellent flavor. If seed is sown early in hot-bed and transplanted, they grow to a large size. Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.

Large Blood Red Italian Tripoli. Same as preceding, except in color, which is a bright dark red. Used in the South when the Bermuda sorts cannot be had. Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.

Giant Rocca of Naples. A very large-growing, globe-shaped variety. The skin is reddish brown in color; flesh very mild and sweet-flavored. Packet, 5 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.

White Queen or Extra Early Barletta. This is an extra early, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling. Packet, 5 cents; oz., 25 cents; ¼ lb., 65 cents; lb., $2.25.

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white. Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.25.

Red Bermuda. Similar to the white, but with red skin. Packet, 5 cents; oz., 25 cents; ¼ lb., 85 cents; lb., $3.00.

ONION SETS

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if planted from seed.

True English Multipliers or Potato Onion. Quart, 30 cents; peck, $1.25; bushel, $4.00.

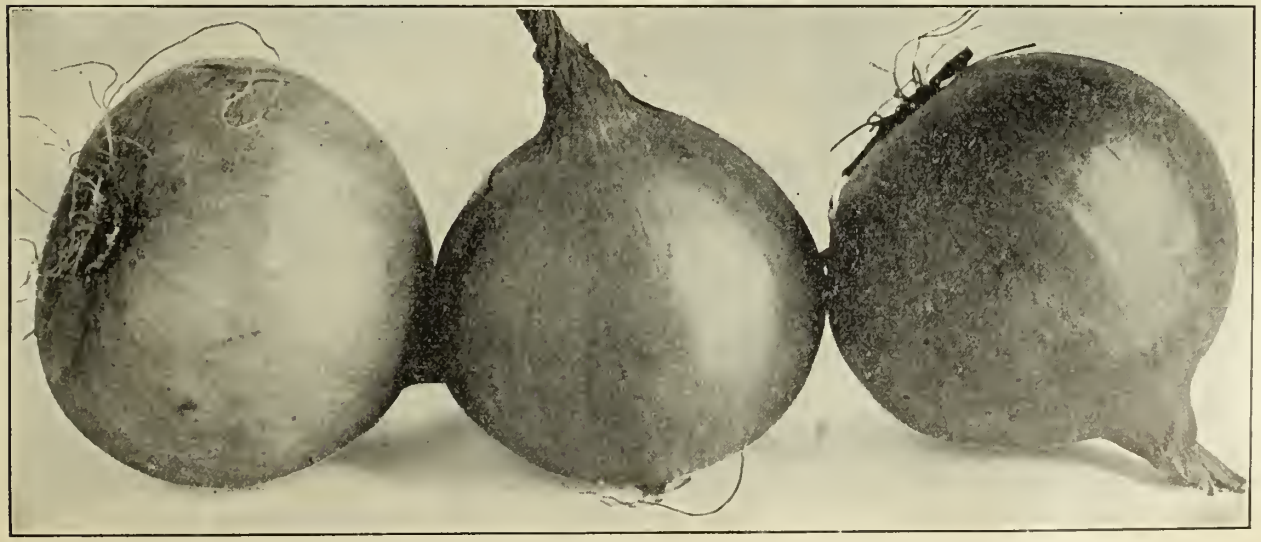
Yellow Bottom Sets. Quart, 30 cents; peck, $1.25; bushel, $4.00.

White Bottom Sets. Quart, 30 cents; peck, $1.50; bushel, $4.50.

At quart prices we prepay postage. Bushel and peck delivered at freight or express office, Rochester.

THE THREE FAMOUS GLOBE ONIONS

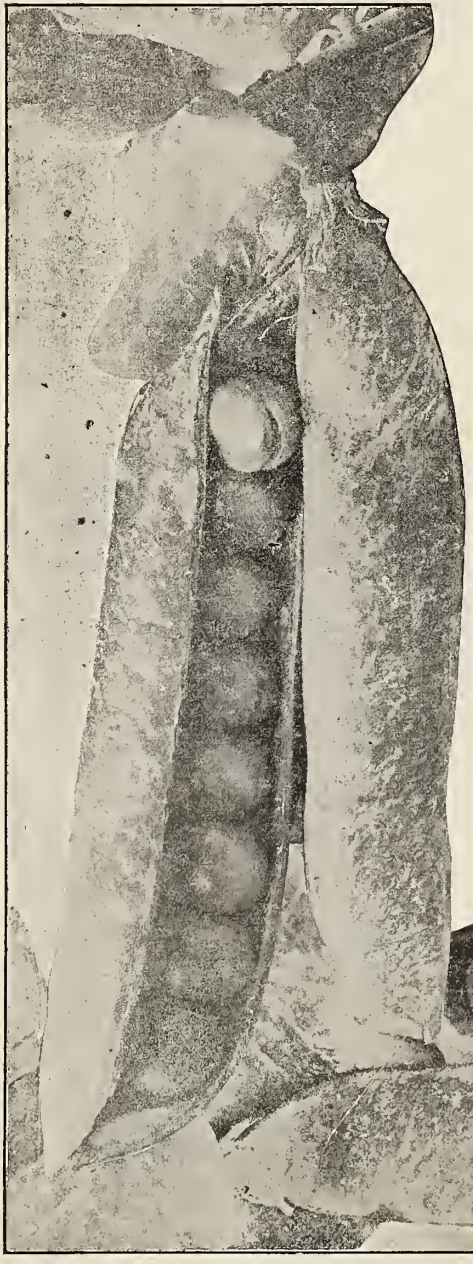
SOUTHPORT WHITE GLOBE DANVERS YELLOW GLOBE SOUTHPORT RED GLOBE



Garden Peas

SOW Peas in drills about four inches deep. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pint will sow forty feet of drill; two bushels for an acre, in drills three feet apart. Our customers often write us enquiring the names of the three best Garden Peas, Early, Medium and Late. While all those in our list are good in their class, we name three which in our opinion are equal if not superior to other sorts; First Early, *Thomas Laxton*, plant as early as weather conditions will permit. Medium *Vick's Daisy;* Late, *Improved Stratagem;* the Medium and Late varieties plant about one week later than the Early.

Packet, 10 cents; ½ pint, 20 cents; pint, 30 cents; quart, 50 cents; except as noted.



Vick's Seeds stand the most careful tests as to their vitality and purity before we list them in this Catalog. Last season over 3000 trials were made on our farm, and all which did not reach **Vick Quality test** were discarded.

Thomas Laxton Pea

The Leader of the Extra Earlies

This Pea outranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus and comes into use fully as early as any of the "Extra Earlies." In addition, it is of stronger constitution than the Gradus, is hardier, and therefore can be planted earlier. It is more prolific, the yield of peas to the quantity of pods gathered being quite phenomenal. The pods are large and shapely, of a rich dark green color, and filled from end to end with seven to eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high. **Packet, 10 cts.; ½ pt., 20 cts.; pt., 30 cts.; qt., 50 cts.**

Alaska. A smooth blue Pea, the earliest of all the extra early varieties; good flavor; pods dark green, well filled and ripen uniformly. One of the very best for market gardeners. Vines two and one-half feet high.

Vick's Selected Extra Early. The earliest of the early white Peas; unsurpassed either for market or family use; of excellent quality; unusually productive for so early a variety. Vines two and one-half feet high.

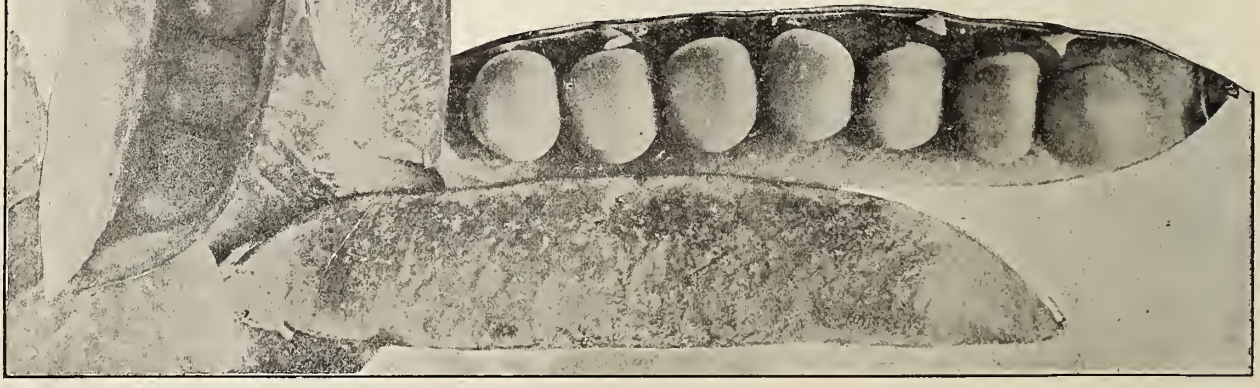
Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high, are vigorous and need no bushing; pods well filled, containing about six or seven peas, which are exceedingly tender, sweet, and fine-flavored.

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the long pods. While the early smooth varieties contain four to five peas to the pod, the Gradus usually contains from eight to twelve.

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality; the vines larger and more vigorous than American Wonder, and yield one quarter more in shelled peas.

Bliss' American Wonder is one of the very best of the earliest wrinkled Peas in cultivation, and a superior cropper, bearing large, well-filled pods, having from six to nine large peas in a pod. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden.

Extra Early Premium Gem. Is an improved Little Gem, another extra fine dwarf Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 12 to 15 inches. Very productive, pods large and Peas of excellent quality. An old favorite.



Vick's New Garden Pea

SWASTIKA "GOOD LUCK"

Our new Pea, SWASTIKA "Good Luck" is certainly a wonder as may be seen by the illustration on opposite page. The plant is branching and covered with pods five inches long, well filled with from seven to ten large Peas almost as sweet as sugar. It is second early, ready for picking a few days later than the extra early sorts. Vines dwarf, twelve to eighteen inches high, strong and branching, of a brilliant deep green color. Of the twenty-two new varieties tested on our farm, this was by far the best, and is certainly a novelty of sterling merit. A trial will convince you of its worth. **Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents; qt., 65 cents; two qts., $1.20.**

PEA. NOTT'S EXCELSIOR

Second Early Sorts

Laxtonian A new dwarf Pea introduced by the English growers of Thomas Laxton and Gradus, resembling the latter in size and shape of pod; in fact, it is a dwarf Gradus. It is a well-known fact that for quality in flavor Thomas Laxton and Gradus were in a class by themselves, until the introduction of Laxtonian. The vines are about twelve inches high, and when in bearing are filled with immense dark green pods containing eight to nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is so productive, the pods so large and well filled, the quality so good, it is deserving of a place in every home garden. In our trials last summer of over forty new varieties we selected the Laxtonian as the one most worthy of introduction. **Our regular size Packets, 15 cents; ½ pt., 40 cents; pt., 75 cents.**

Bliss' Everbearing. A fine wrinkled sort, about thirty inches high; very robust, hearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas should be planted about six inches apart.

Bliss' Abundance. Remarkably productive. Plant one and a half to two feet in height; pods three inches long; peas large, wrinkled, of superior quality.

Vick's Daisy The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously-flavored peas. It is one of the finest dwarf early green wrinkled Marrow Peas in cultivation, and one that ought to be grown in every garden whose owner appreciates Peas. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank. **Packet, 10 cents; ½ pt 20 cents · pt., 35 cents; qt., 60 cents.**

Horsford's Market Garden. A wrinkled variety of superior quality, growing two feet high, very stocky; requires no brushing; extremely prolific, bearing pods in pairs. A very desirable sort for canners' use.

McLean's Advancer. A fine early market variety, exceedingly prolific, with well-filled pods of green wrinkled peas of delicious flavor. It is also known as **Dwarf Champion.** Vines two to two and a half feet high.

Alderman. Has all the ear marks of the old favorite Telephone, including length of vine, hardiness and yield, with the following advantages; larger pods and peas of better quality when cooked. Every pod is filled with Peas, one great deficiency with the Telephone. **Packet, 10 cents; ½ pt., 20 cents; pt., 35 cents; qt., 60 cents.**

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden Pea, filling a basket quicker than any other variety. Vines four feet.

Long Island Mammoth. One of the most productive Peas in the list. Pods large and handsome, and well filled with peas of excellent flavor. This is another one of those popular sorts for the market gardener, as the large pods soon fill a basket, requiring but little time for gathering the crop.

Late or Main Crop Sorts

Improved Strategem This is one of the best of the large-podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and a half feet.

Improved Pride of the Market. A very robust, strong-growing variety, about two feet high, requiring no bushing or support; wonderfully productive; fine in appearance, and quality most excellent. A fine Pea for the kitchen garden or for market use.

Yorkshire Hero. A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines two and one-half feet high, bearing numbers of large well-filled pods.

Champion of England. A handsome variety, popular everywhere; one of the richest and best-flavored green wrinkled Peas. Five feet in height.

Melting Sugar. This variety is used either shelled or cooked in the pod, like string Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish.

American Champion (Duke of Albany). A remarkably hardy and vigorous variety, producing in great profusion its large pods, which are well filled with large and delicious peas. A valuable main crop sort. It is a tall grower, of branching habit, and should be sown thinly.

Large Black-Eyed Marrowfat. Well-filled pods. Four feet tall. **½ pint, 10 cents; pint, 25 cents; qt., 40 cents.**

Large White Marrowfat. Like the Black-Eyed Marrowfat, extensively grown as a field crop. **½ pt., 10 cents; pt., 25 cents; qt., 40 cents.**

Canada Field. For sowing broadcast. **Bushel, $2.25.**

OKRA or GUMBO

A large, vigorous, tender plant, cultivated in the South for its young seed-pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

White Velvet (White Creole). Pods round, smooth, much larger than other sorts; produced in great profusion. **Packet, 5 cents; oz., 10 cents; lb., 60 cents.**

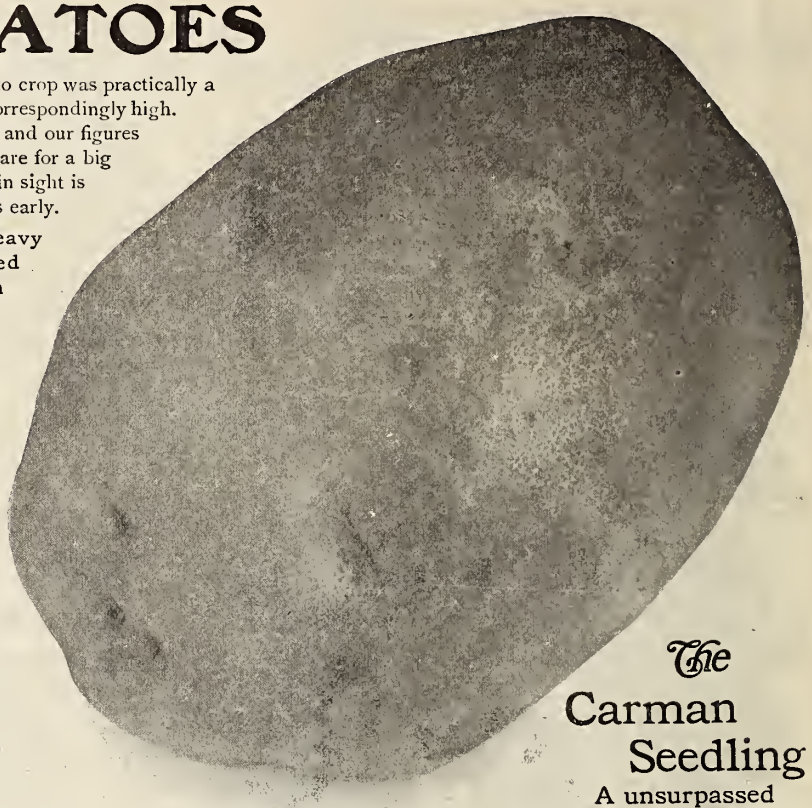
Perkin's Mammoth Long Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts. **Packet, 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.**

SEED POTATOES

On account of unseasonable weather the potato crop was practically a failure—especially early sorts—and prices are correspondingly high. The medium and late sorts gave better results, and our figures on these are somewhat lower. The prospects are for a big potato planting this season, and as the supply in sight is short, we advise our friends to place their orders early.

We always ship Potatoes and other heavy goods by Freight, excepting when ordered sent by Express, or the quantity is such that to send by Express is cheaper.

Many people order small quantities, like a peck, to go by freight, thinking the charges will be less. This is seldom the case as the railroad companies make no rate for less than 100 pounds; therefore, the freight on a bushel is just as cheap as on a peck. Packed for shipment, Potatoes weigh about: Peck, 20 pounds; half bushel, 40 pounds; bushel, 70 pounds; barrel, 185 pounds. **Please state whether you want the Potatoes by freight or express, and do not fail to name the station to which they are to be sent.**



VICKTOR

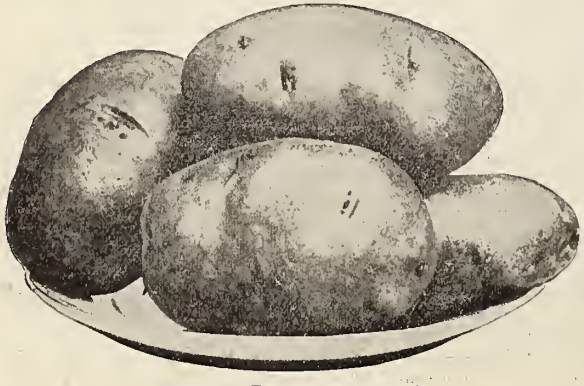
The Best Extra Early

This Potato, introduced by us in 1903, cannot help becoming a permanent favorite with all who give it a trial. The plants are of strong healthy growth, producing tubers compactly. Tubers large, of uniform size, roundish and slightly flattened; skin white somewhat russeted. Either baked or boiled the flesh is dry and mealy. Its extreme early ripening secures it from blight, and thus assures a large crop of sound tubers, which keep as well as the late varieties. **Pound, 25 cents; three pounds, 60 cents; by mail or express, prepaid. Peck, 85 cents; bushel, $2.25; barrel $5.50; by express or freight, not prepaid.**

The Carman Seedling

A unsurpassed main crop Potato

Quick Crop As the name implies, is an early variety. It is a rapid, vigorous grower; vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. The tubers are oval to long in shape, and light rose in color. We especially recommend this variety to the market garden trade and to the home garden for first early. **Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.**



POTATO, EARLY HARVEST

The Bovee For an extra early this variety is one of the best; almost as early as the Ohio, and an exceedingly heavy yielder for an early Potato. A vigorous grower, good keeper, and fine quality. In color it resembles the Hebron or Rose class. It grows to a good size, oval in shape. We consider it an excellent variety. Our seed stock was procured direct from the originator. **Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.**

Early Astonisher. New and early. Skin, light yellow, often netted, flesh white and floury when baked or boiled. It resembles Early Rose in shape and is just the variety for the market gardener. It has proven with us to be a big yielder combined with earliness. **Pound, 25 cents; three pounds, 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.**

Ohio Junior. This variety, while not of recent introduction, is one of the earliest Potatoes cultivated, and on this account is prized by market growers. The tubers are oblong-oval, round at the seed end, with full eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of extra early varieties. **Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.**

Early Harvest. One of the best early White Potatoes. It is wonderfully early. This feature, coupled with large yield, superb quality, and fine appearance, makes a most valuable sort for early marketing or home use. The tubers average large, are nearly white, with eyes only slightly indented; shape oval, flattened, sometimes long-oval. **Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by freight or express, not prepaid.**

Good Seed costs more than poor seed, but the difference means a profit to the grower, and satisfaction to the gardener. Vick's Seeds are Good Seeds, but not high in prices.

POTATOES—Continued

Carman Seedling. A new, late, round white, main crop variety, introduced four years ago. Very handsome and productive and of excellent cooking quality. It is fresh from the seed ball, and produces unusually well. This variety we consider one of the best main crop potatoes we have ever grown. Pound, 25 cent; three pounds, 60 cents; by mail or express prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

Endurance. A new late round white variety. Does not blight, and is especially adapted to light, sandy soil where it will produce an enormous yield of handsome white potatoes. Do not fail to give this one a trial. Pound, 25 cents; three pounds, 60 cents; by mail or express prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

Norcross. A large, flattish-oval, white variety, perfect in shape and quality, large in yield, and a remarkable keeper. This variety originated in Maine, and for a number of years has been carefully bred to increase the percentage of starch The result of these labors is a potato that cooks dry and mealy, resists disease, and keeps till late spring without rotting. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

Maggie Murphy. The Maggie Murphy is conceded by Potato growers to be one of the best late Rose varieties, and if planted on light soil the quality is unsurpassed, the yield enormous. This Potato in form is oval, the skin a delicate pinkish tint, with russet markings, eyes flush with the surface. Plants very strong and vigorous, remaining green up to maturity. Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

We can supply seed stock of all the leading varieties including:

Sir Walter Raleigh American Wonder Carman No. 3
Irish Cobbler

Pound, 25 cents; three lbs., 60 cents; by mail or express, prepaid. Peck, 75 cents; bushel, $2.00; barrel, $5.00; by express or freight, not prepaid.

PEPPER

The culture of Pepper is precisely the same as for Egg Plant. Transplant when three inches high. One ounce of seed will yield about 1,500 plants.

Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50; except where noted.

Chinese Giant. A magnificent new variety, the largest and finest Pepper in cultivation. The plant is about two feet high, of strong, vigorous growth, stocky in habit, very productive, and ripens its fruit earlier than the Ruby King. The fruit averages four inches in diameter, and is of a bright glossy scarlet when ripe. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The immense size of the fruit and its brilliant color render it very attractive. Packet, 10 cents; ¼ oz., 20 cents; ½ oz., 30 cents; oz., 50 cents; ¼ lb., $1.50; lb., $5.00.

Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.

Ruby King. A handsome and very productive variety. Fruits from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. When ripe they are a bright ruby red.

Golden Dawn or Queen. Resembles the Large Bell in shape, but is more delicate in flavor. Color a rich golden yellow, with very thick, mild, sweet-flavored flesh.

Sweet Mountain or Mammoth. Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.

Coral Gem Bouquet. The finest of the small varieties. Its shining red pods, an inch in length, are so thickly set as to completely cover the plant. They are very hot, and suitable for seasoning. Makes an elegant pot-plant. Packet, 5 cents; oz., 50 cents; ¼ lb., $1.50; lb., $5.00.

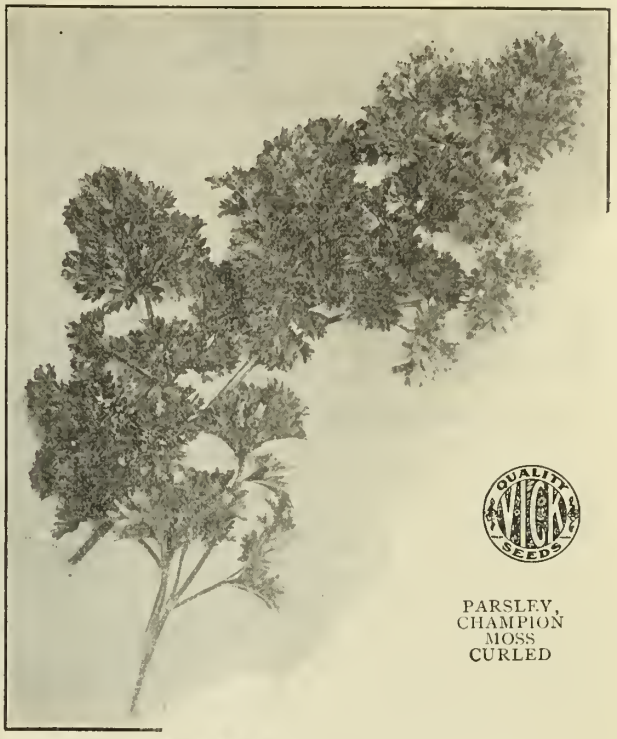
Red Cluster. A distinct and beautiful variety, bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent. As a decorative plant for the flower garden or for pots, it will be found very useful. Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.

Celestial. A Chinese variety, useful as well as ornamental. Sets its fruit early, and continues until frost. When fully grown the fruit is bright scarlet.

Long Red Cayenne. Beautiful and productive. Fruit four inches long, bright red, pointed pod; flesh thick and pungent.

OTHER STANDARD VARIETIES OF PEPPERS

Monstrous, or Grossum. Small Red Chili. Cherry-Formed Red.



PARSLEY, CHAMPION MOSS CURLED

PARSLEY

As Parsley seed germinates very slowly, it should be planted in a bed if possible. For outdoor sowing always prepare the seed by placing it in hot water to soak for twenty-four hours, in a warm place. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Parsley lives through the winter, and seed may be sown in the autumn. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents; except as noted.

Beauty of the Parterre, or True Emerald. This variety is very distinct in appearance. It has a shade of green not shown in any other, while its leaves are more finely cut and densely curled. Habit dwarf and spreading. Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Vick's Triple Curled, or Myatt's Garnishing. One of the best for market or private garden; a handsome dwarf, compact sort. Leaves bright pale green; extra curled and crimped.

Fern-Leaved. As its name indicates, this variety is most beautiful in form and color; valuable for garnishing, and also as an ornamental foliage plant for borders of beds.

Hamburgh or Turnip-Rooted. The roots resemble a small Parsnip, and are the edible portion of this variety. Used for flavoring soups, etc.

MUSTARD

Ostrich Plume. Exceedingly ornamental as well as useful. The leaves are long, ruffled and frilled, and curved as gracefully as an ostrich plume. For salad it is better than any other variety, and for boiling it is superior to spinach. Packet, 5 cents; oz., 10 cents.

White. Fine for salad or culinary purposes. Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents.

Giant Southern Curled. The favorite in the South. Continues to yield until frosty weather. Packet, 5 cents; oz., 10 cents; lb., 75 cents.

Remember We pay the Postage or Express Charges, unless otherwise stated.

RADISH

FOR early use seed should be sown in the hotbed, in drills, three or four inches apart and half an inch deep. For open ground, sow as early as weather conditions permit. As soon as the first leaves appear, sprinkle with soot or ashes to save them from the turnip-fly. The Winter Radish should be sown about the middle of summer, and makes its best growth in autumn. One ounce will sow 100 feet of drill; ten pounds to the acre.

For House or Garden Culture

Vick's Early Scarlet Globe

is Unequalled by any other Sort

Away back in 1884 we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing the seed, it leads all other varieties. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort.

It is equally as good for open Garden Culture as for forcing and therefore commends itself to the amateur as well as the market gardener. You will find "Vick Quality" in every ounce. **Packet, 5 cents; oz., 15 cents; ¼ lb., 25 cents; lb., 75 cents.**

Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cts.; except as noted; all postpaid.

Vick's All Seasons. The finest of its class. It may be sown from spring until autumn, and the roots obtained from late sowings can be kept in storage for winter consumption. It can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size, and remains firm and brittle to the end. When sliced and salted it makes a very fine relish. The best Radish for all purposes yet introduced. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

Triumph. A striking variety. Root globe-sbaped, showing bright scarlet stripes on a white ground. A good forcer.

French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing.

Early Round Dark Red (Non plus ultra). Especially adapted for forcing on account of its very small tap-roots and tops. It is also good for summer use in open ground. Skin dark red; flesh white, crisp, and tender.

Extra Early Scarlet Turnip-Rooted. (Forcing.) Medium in size, the root being clear and smooth, with a small top, remaining fit for use a long time. Next to Scarlet Globe we would recommend this variety for forcing.

Scarlet Turnip White Tip (Rosy Gem). (Forcing). Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet; flesh very mild and crisp.

Scarlet Olive-Shaped. Oval; very tender and excellent; an inch and a half long; fine for forcing or open ground.

White Olive-Shaped. Like all olive-shaped varieties, except in color.

Philadelphia White "Box." Is superior and entirely distinct from any early White Turnip Radish. Remarkably short top, rapid growth, perfect turnip shape, extra fine quality, showing no disposition to become pithy with age. Its short top and rapid growth especially fit it for growing under glass.

Scarlet Turnip. Round, diameter about an inch; skin scarlet; flesh white.

White Turnip. Similar to preceding, except in color; less pungent.

Yellow Turnip. Similar to above, except in color.

Wood's Early Frame. Similar to Long Scarlet, but shorter, earlier, and adapted for forcing.

Long Brightest Scarlet or Cincinnati Market. The brightest and handsomest scarlet Radish grown. Fit for use in twenty-five days from time of sowing, and remains in good condition until fully grown, when it is as large and crisp as Wood's Early Frame. Tops small.

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long. Our strain of this popular sort has been grown from a selection year after year until it is perfection itself.

Beckert's Chartier, (Shepherd). A distinct variety. Color red at the top, shading to pink in the middle, and passing into pure white. It attains a large size before becoming unfit for use.

Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender in summer.

Icicle. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**

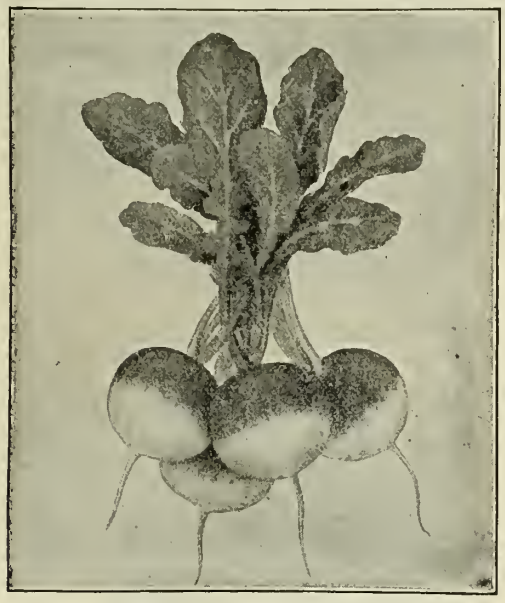
White Delicious. An improvement on the White Strasburg, being earlier, more evenly shaped, and having a smaller top. For outdoor early fall sowing it is sure to make a crop of uniform white Radishes. Quality first class. **Packet, 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

White Strasburg Summer or White Hospital. A large, white, showy, half-long variety. Matures early. A leading market variety.

Giant White Stuttgart. A popular variety, early, of quick growth and large size; in shape like a large top. Flesh and skin pure snowy white.

Cooper's Sparkler

A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any we have tried, and can be grown the year round. Successive sowings should be made during the summer. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents.**



COOPER'S SPARKLER RADISH

WINTER RADISHES

Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cts., except as noted; all postpaid.

Chinese Rose Winter (Scarlet Chinese). One of the very best for fall and winter use, and popular with market gardeners. Bright rose color; flesh white and firm, of superior quality.

Large White Spanish Winter. A popular sort. Flesh solid and milder in flavor than the black sorts.

Round Black Spanish Winter. This is a large black-skinned Radish, much relished by the Germans. Flesh white and firm.

Long Black Spanish Winter. Like the above, but the roots are longer and perhaps slightly milder in flavor.

California Mammoth White Winter is really a Chinese Radish, grown by the Chinese in California; eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

RHUBARB

Sow in drills eighteen inches apart and one inch deep. Thin out the plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25.

St. Martin's. One of the earliest as well as most prolific.

Linnæus. Early and tender.

Victoria. Very large, but later than Linnæus.

Roots of above, each, 15 cents; dozen, $1.50.

SPINACH

For a succession, the seed may be sown early in April and again in May, in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the principal crop, sow from first to middle of September, protecting the crop with a light covering of straw or leaves. One ounce for 100 feet of drill; 10 pounds, in drills, for an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 40 cents; except as noted.

All Seasons It is a well-known fact that Spinach will not stand the hot days of summer without quickly running to seed. All Seasons will stand and remain in an edible condition longer than any variety we have ever grown. The foliage is dark green, crinkled, sweet and luscious. The seed may be sown at intervals during the Summer. An exceptionally fine variety. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 70 cents.**

Improved Thick-Leaved, or Long-Standing. Leaves large and thick, somewhat crumpled. Does not run to seed as early as other varieties.

Victoria. A valuable sort. Its attrative dark green color, long-standing, and hardy character, make it desirable for both spring and late sowing.

Round or Summer. Adapted for early spring sowing, and quite popular with market gardeners. Leaves thick and large. It stands the winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. Quite hardy. One of the best for fall sowing.

Bloomsdale or Savoy-Leaved (Norfolk.) The earliest of all the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

Prickly or Fall. A hardy variety, used for fall sowing. With very slight protection it will withstand the severest weather.

ALL SEASONS SPINACH

Remember We pay the Postage or Express Charges, unless otherwise noted. ¶ Most seedsmen require *you* to pay these items.

PARSNIP

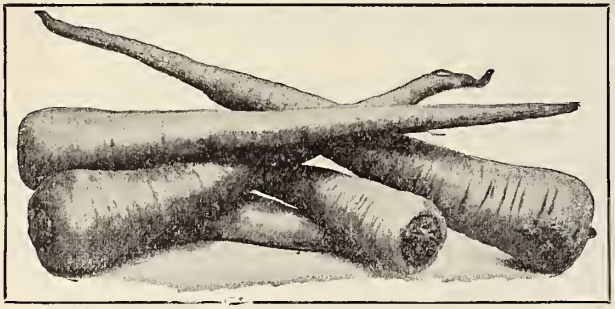
Parsnip seed germinates very slowly, and does best in a cool, moist soil, therefore it should be sown as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. One ounce will sow 200 feet of drill; five pounds for an acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 50 cents.

Long Hollow Crown (White Dutch or Sugar). The old standard, and one of the best for general farm use and for home or market purposes. Long, smooth, tender, and sugary; very hardy; will keep throughout the winter with very little protection.

Improved Guernsey. Half-long. The roots are not so long as those of the Long Hollow Crown; are larger in diameter and more easily gathered; smooth, fine-grained, and of excellent quality.

Early Short Round. A variety well adapted for hard or shallow soils, and comes into use much earlier than other sorts. Flavor mild and pleasant.



PUMPKIN

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds to the acre.

Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 75 cents; except as noted.

Winter Luxury. This is the finest pie Pumpkin yet introduced; we cannot recommend it too highly for this purpose. It is also a good keeper, wonderfully productive, while its finely netted and golden-russet color make it desirable for market use.

Large Sweet Cheese (Kentucky Field). One of the best for table use, and very productive. Shape flat; skin mottled light green and yellow, changing to a rich crimson color; flesh yellow, thick, and tender.

Sugar, or Pie. A rather small, but handsome variety. Shape round; skin deep orange-colored; flesh fine-grained, sweet-flavored; superior for pies.

Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent

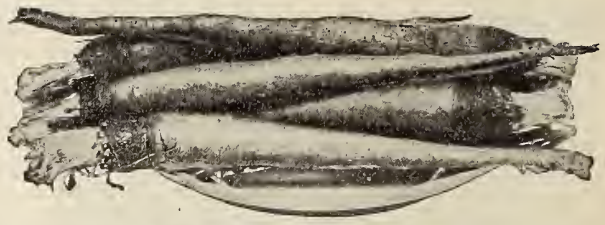
Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**

Mammoth Red Etampes. Skin brilliant, glossy red; flesh deep orange, very thick. Matures early. **Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; lb., $2.00.**

King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes. **Packet, 10 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock-feeding, producing enormous crops. **Packet, 5 cents; oz., 10 cents; ¼ lb., 15 cents; lb., 40 cents.**

Cushaw, or Crookneck. A favorite sort of excellent quality. **Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; lb., $1.00.**



SALSIFY

Sow early in the spring, in drills a foot or more apart, covering the seed not more than two inches in depth. Thin out to six inches apart. A portion of the crop may remain in the ground all winter, like the Parsnip. One ounce will sow 75 feet of drill.

White French. The old favorite variety. **Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.50.**

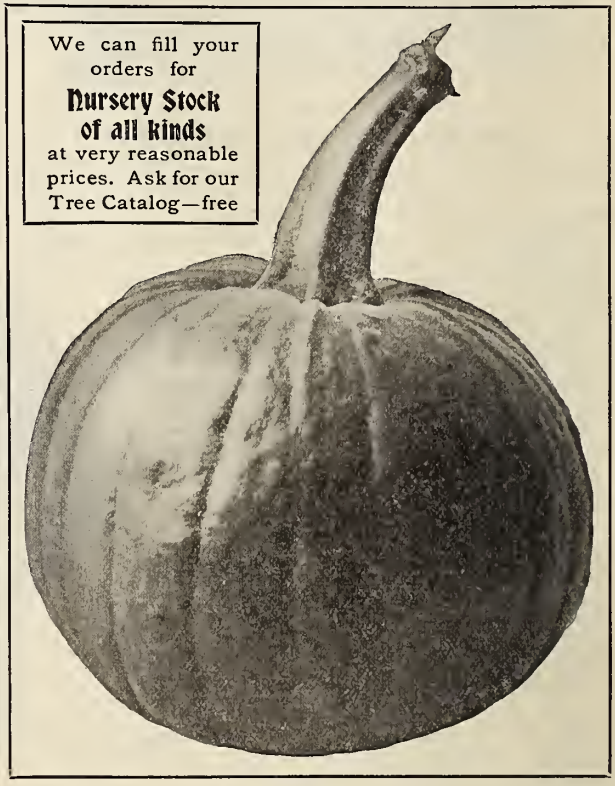
Mammoth Sandwich Island. This is the largest and most profitable Salsify now in cultivation. **Packet, 5 cents; oz., 15 cents; ¼ lb., 50 cents; lb., $1.50.**

Black, or Scorzonera. A black variety, with a somewhat bitter root. **Packet, 5 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.**

SCOLYMUS—Spanish Salsify

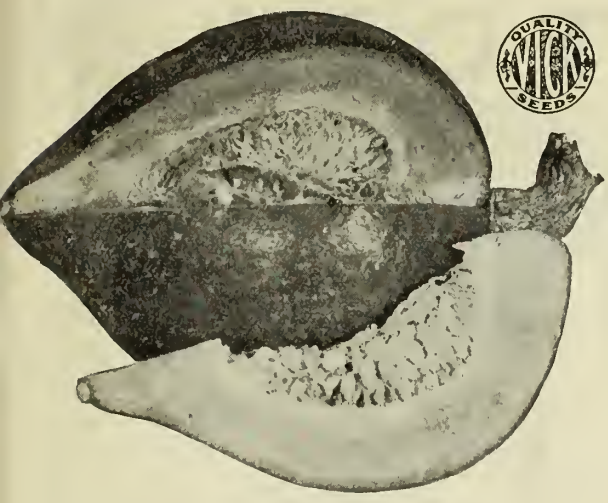
More productive than Salsify. The roots resemble a small Parsnip, and will keep through the winter like a Turnip. Cultivate like Parsnips. It is eaten boiled, like Salsify. **Packet, 10 cents; oz., 20 cents; ¼ lb., 85 cents; lb., $3.00.**

We can fill your orders for **Nursery Stock of all kinds** at very reasonable prices. Ask for our Tree Catalog—free



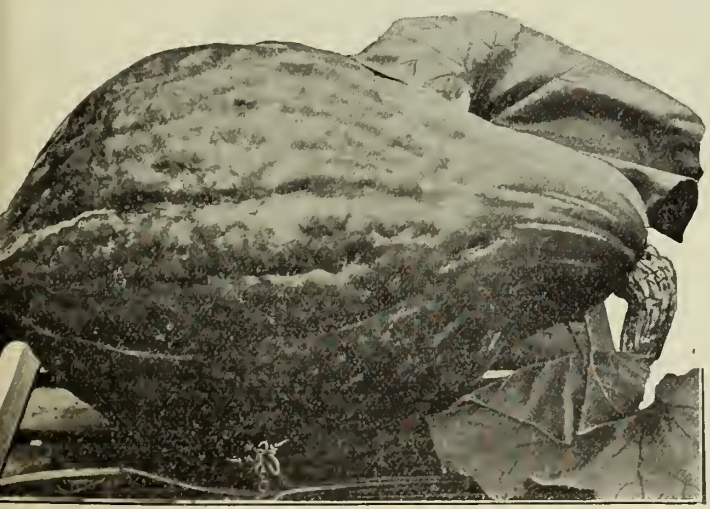
PUMPKIN, SUGAR OR PIE

¶ THE THOMAS LAXTON PEA is the very best of the extra early sorts. Hardy, abundant bearer, pods large and filled from end to end with sugar-sweet peas. Vines from three to three and a half feet high. See page 22.



DELICIOUS SQUASH

NEW GOLDEN BRONZE SQUASH



HUBBARD SQUASH, THE STANDARD SORT

SQUASH

Squash likes a rich soil, and it is best to manure in the hill. Plant a dozen seeds in each hill, and when danger from "bugs" is over pull up all but three or four. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squash should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

Packet, 5 cents; oz., 15 cents; ¼ lb., 40 cents; lb., $1.25; except as noted; all postpaid.

Summer Squash

Mammoth White Bush Scallop (Silver Custard). The best of the scalloped Squashes. Handsome and of fine quality.

Mammoth Bush Summer Crookneck. The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck.

Autumn and Winter Sorts

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is a dark orange. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is a fall and winter squash. Though at any time excellent, it does not acquire its best quality until winter. Specially reselected strain. Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Early Prolific Orange Marrow. An improvement by selection from Boston Marrow; not so large but much earlier. Skin orange colored; flesh deep, fine-grained, and of delicious flavor.

New Golden Bronze. Weigbt from eight to ten pounds; color, a dark grayish green with bronze on the upper surface when ripe; flesh golden yellow, very thick, fine-grained, dry, sweet, and of delicious flavor. Matures early, and is a splendid keeper and good yielder. As a Squash for the table and pies it has no superior.

Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry, and of excellent flavor.

Chicago Warted Hubbard. This has some points not seen in the old Standard, the shell having a dark green, almost a black color; and also distinguished by a dense covering of knots (warts). It is of first-class quality.

New Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.

Fordhook. A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper, and very productive. May be used at any stage of growth.

Essex Hybrid or Hard Shell Turban (Warren). A cross between the Hubbard and American Turban, having the color, shape, and fine quality of the Turban, with the dryness and hard shell of the Hubbard. Flesh thick, fine grained, and solid. A good keeper. Very productive, early and of rapid growth.

Sibley, or Pike's Peak. A very distinct and valuable variety. Shell pale green, very hard; flesh solid and thick, orange color; flavor rich and delicate.

Boston Marrow. Very popular in the Boston market. Oval shape; skin yellow; flesh orange-colored and fine-grained.

Mammoth Chili. The largest of all Squash; grows to an enormous size. One of the most profitable sorts for stock-feeding. Keeps well throughout the winter. This variety is also extensively grown for fair exhibits. Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., $1.75.

Vegetable Marrow. Flesh rich, salmon yellow, dry and fine-grained. Excellent as a pie-squash.

At these prices we prepay Postage or Express charges unless otherwise noted.

TOMATOES

TO obtain fruit very early, sow in the hotbed in March. In about five weeks plants should be transplanted to another hotbed, setting them about four or five inches apart. Here they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way. If not too early or too cold, a coldframe will answer for the first transplanting. Very good plants can be grown in boxes in the house. The soil for early Tomatoes should not be too rich, and a warm, sheltered location selected, if possible. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening very much. One ounce will produce 2000 plants; one-quarter pound (to transplant) for an acre.

EARLIANA

The Earliest and Best Large Smooth Tomato. Our experience with this most valuable variety confirms all that has been claimed for it. Gardeners in this vicinity are enthusiastic in its praise, and grow it for early market in preference to any other variety.

It is a full week ahead of all others.

The plant is of strong and vigorous growth, setting its fruit freely and in great abundance. The fruit is not only remarkable for its earliness, but for its large size, perfect form, bright red color, and delicious flavor.

Ripens clear to the stem and does not crack.

Its solidly and fine quality are quite equal to the best medium and late sorts. **Packet, 10 cents; ½ oz., 35 cents; oz., 60 cents; ¼ lb., $1.60; lb., $6.00.**

Livingston's Coreless

Introduced last year as a Novelty

In shape it is almost round, being of about the same diameter each way. It is immensely productive, clusters of from four to seven fruits are produced at six to eight inches apart along the stem; ripens all over and through and right up under the stem, all at once. The strong outside and inner wall of flesh of the Livingston's Coreless render it a very firm fruit and one of the best for long distance hauling or shipping. Color bright red. **Packet, 10 cents; oz., 50 cents; ½ oz., 35 cents; ¼ lb., $1.50.**

Notice the colored illustration of Earliana Tomato on the first cover page of this catalogue. Your judgement will surely tell you that it is a beauty. ¶ Also notice the plates of Vegetables opposite pages 1, 32 and 33, and also frontispiece of Three Best Beans, Corn and Peas for Home Gardens.

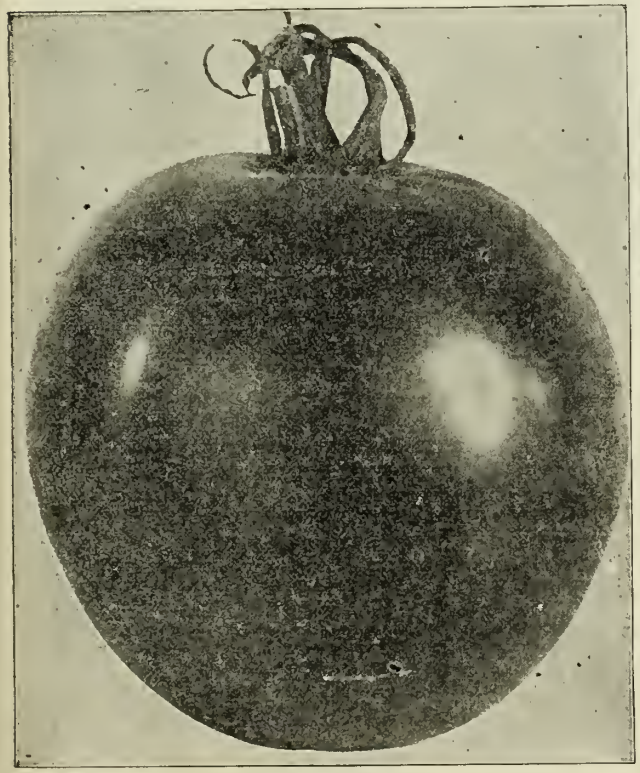
A Perfect Specimen of Vick's Earliana Tomato

TOMATO, DWARF CHAMPION

Forcing Varieties

Stirling Castle. A fine variety, but for forcing purposes, and outdoor planting when grown on a single stem. The fruit is round and deep, of medium size, smooth, free from cracks or watery cavities, and almost seedless; color bright scarlet. Very early. **Packet, 20 cents.**

Lorillard. A good sort for forcing under glass as well as for outdoor culture; bright red, smooth, early. **Packet, 10 cents; oz., 35 cents; ¼ lb., $1.00.**



TOMATO, LIVINGSTON'S CORELESS

TOMATOES—Continued

Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50; except as noted.

Stone. Ripens for main crop; very large; color bright scarlet; very smooth; ripening even to the stem without a crack; exceedingly solid and firm fleshed; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard Tomato for market gardeners and truckers, and superior for canning.

New Dwarf Stone. The strong, upright growth allows very close planting. The plants may be set 18 by 24 inches apart and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most excellent quality. **Packet, 10 cents; ½ oz., 20 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

Chalk's Early Jewel. A fine second early Tomato about ten days later than Earliana. Fruit large size and fine flavor. The plantt are compact and strong, and when bearing fairly loaded with fruit. One of the best for shipping and the home garden. Continues bearing throughous the Summer. **Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., $1.10; lb., $4.00.**

Dwarf Champion. Dwarf and compact inhabit, the plant growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color same as Acme. Round and smooth.

Bright and Early. A very desirable variety for the home garden. Color a fine, deep red, and very uniform; skin firm and free from cracks; flesh solid, and of the finest flavor. While some large specimens are produced, the average size is slightly below medium; but whatever is lacking in the size of the individual fruit is more than made up in the immense clusters.

Beauty. A decided favorite for either home market or shipping purposes. Hardy, productive, large size, always smooth, glossy crimson with a slight tinge of purple. A great favorite with Florida and long distance shippers.

Royal Red. Bright scarlet and the reddest throughout of any grown. Large, smooth, solid, and productive.

Golden Queen (Queen of the Yellows). Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than that of the red varieties, the flesh finer-grained and very tender. Try it. **Packet, 5 cents; oz., 30 cents; ¼ lb., 85 cents; lb., $3.00.**

Plum-Shaped Yellow. Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

Pear-Shaped Red. True pear-shaped, small, bright red, Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except that color is yellow.

Red Cherry. Small, perfectly round and smooth, bright red borne in large clusters. Fine for preserves and pickles.

Yellow Cherry. Differs from Red Cherry only in color.

Husk or Strawberry (Winter Cherry, etc). Fruit golden yellow, size of a cherry. Fine for pies, preserves, or eating from the hand. **Packet 10 cents; oz., 35 cents; ¼ lb., $1.00; lb., $3.50.**

OTHER STANDARD VARIETIES

Packet, 5 cents; oz., 25 cents; ¼ lb., 75 cents; lb., $2.50.

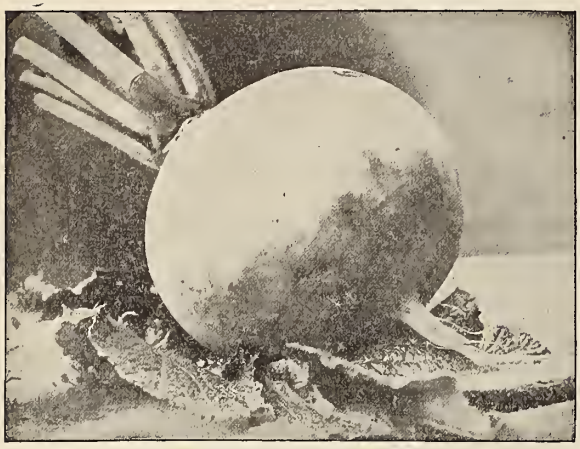
Honor Bright, Improved Trophy, Ponderosa. Livingston's Favorite, Perfection, Peach

TOBACCO

Connecticut Seed-Leaf. Packet, 5 cts.; oz., 25 cts.

Havana (or Cuban). Packet, 10 cts.; oz., 40 cts.

Quality is the foundation of success—the corner-stone of a reliable business house. Cheapess never achieved a *good* reputation for any firm. It is not what you pay, but *what you get for what you pay*, that counts. Vick's Seeds are right in every way—fresh (every year we destroy the old stocks), clean, and true to name. Vick's Seeds not only grow, but produce satisfactory results.



TURNIP, EARLY SNOWBALL

RUTA BAGA
OR SWEDE TURNIPS

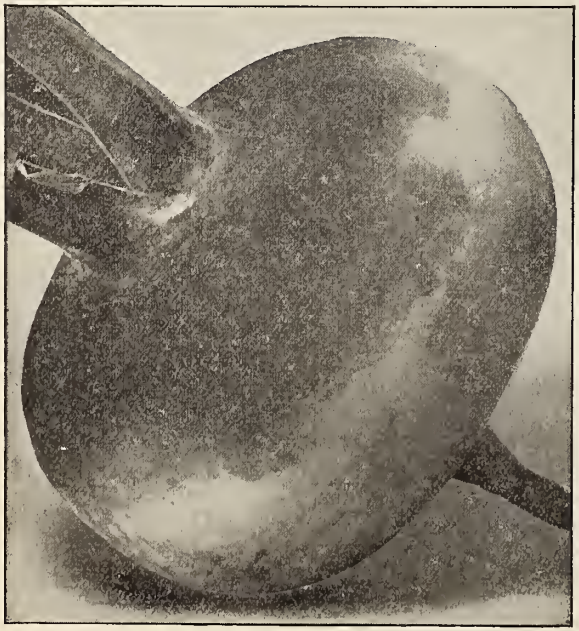
Packet, 5 cents; ounce, 10 cents; ¼ lb., 20 cents; lb., 60 cents.

When five to ten pounds, or larger quantities, are required, special prices will be quoted.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Imperial Purple-Top Yellow. An excellent variety either for the table or cattle-feeding. Flesh yellow, firm, solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

Laing's Purple-Top Strap-Leaved. A large early sort of fine quality. Flesh yellow, very sweet. Tops peculiar in that they are strap- or entire-leaved.



TURNIP, PURPLE-TOP WHITE GLOBE

TURNIP

SOW in drills from twelve to eighteen inches apart, and half an inch deep. In this climate we sow from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills.

Packet 5 cts.; oz., 10 cts.; ¼ lb., 20 cents; lb., 60 cts.; except as noted.

Purple-Top Strap-Leaved.

Flat, medium size, purple above ground, white below. The most popular variety for early use, either for table or stock.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Purple-Top White Globe

An improved variety of the purple-top flat Turnip; globular in shape, of fine appearance, a good keeper, of excellent quality, and equally desirable for table or stock.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier. **Packet, 5 cents; oz., 15 cents; ¼ lb., 30 cents; lb., $1.00.**

Early White Snowball

or Six-Weeks. A perfect globe-shaped, white-skinned Turnip, of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market. **Packet, 5 cents; oz., 10 cents; ¼ lb., 25 cents; lb., 80 cents.**

New White Egg. A very excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Long White Cow-Horn. A quick-growing sort, half-long in shape fine-grained, sweet, good quality. Roots grow partly above ground. Very productive.

Sweet German. This Turnip is very popular in many sections. It partakes largely of the nature of the Ruta Baga, and should be sown as early. Flesh white, hard, firm, and sweet, with none of the pungency of the common Turnip. Superior for table or for stock. A long-keeper, and generally solid until midsummer. Highly recommended for winter and spring use.

Orange Jelly (True). This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest, and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early, and keeps well. A superior table variety. **Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 70 cents.**

Robertson's Golden Ball. Similar to Orange Jelly, but larger and not so fine-grained.

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

Yellow Aberdeen. Roots medium size, round, flesh yellow, tender and sugary. Very hardy and productive. A good keeper. Good for both table and stock.

Yellow Stone. One of the best yellow-fleshed sorts for table use and stock. **Packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; lb., 60 cents.**

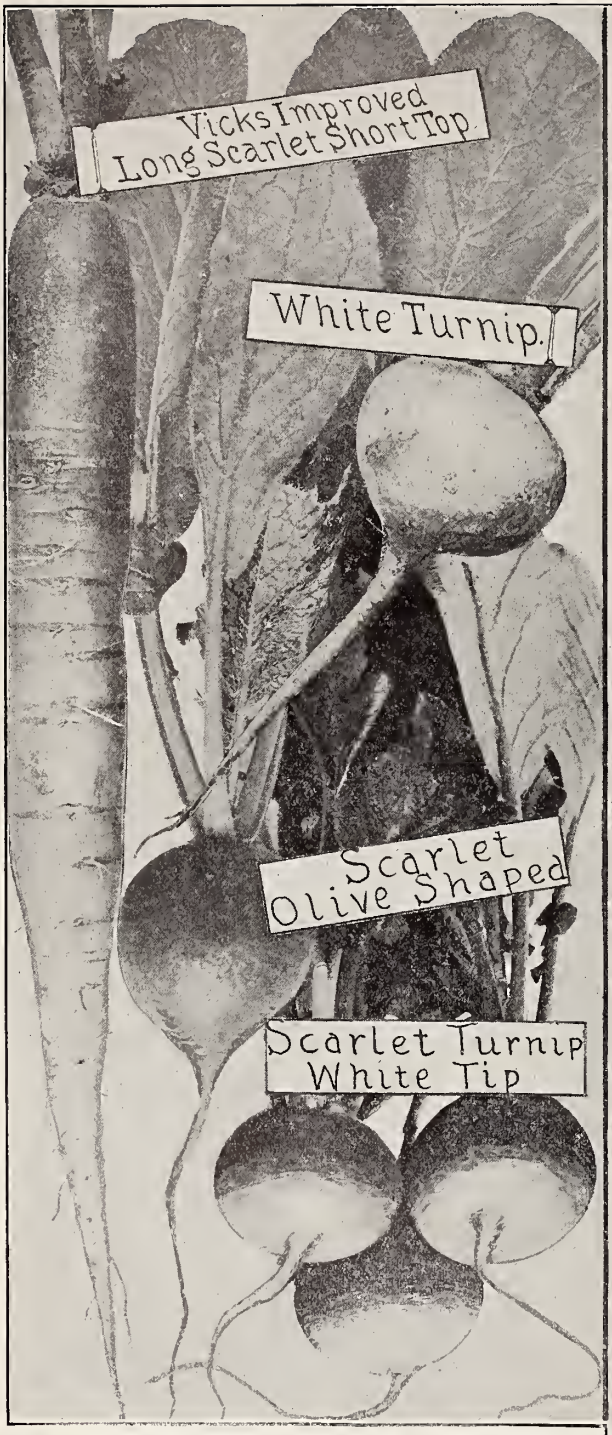
Pomeranian White Globe. Very productive, in good soil roots frequently grow from ten to twelve pounds. Good for table or stock-feeding.

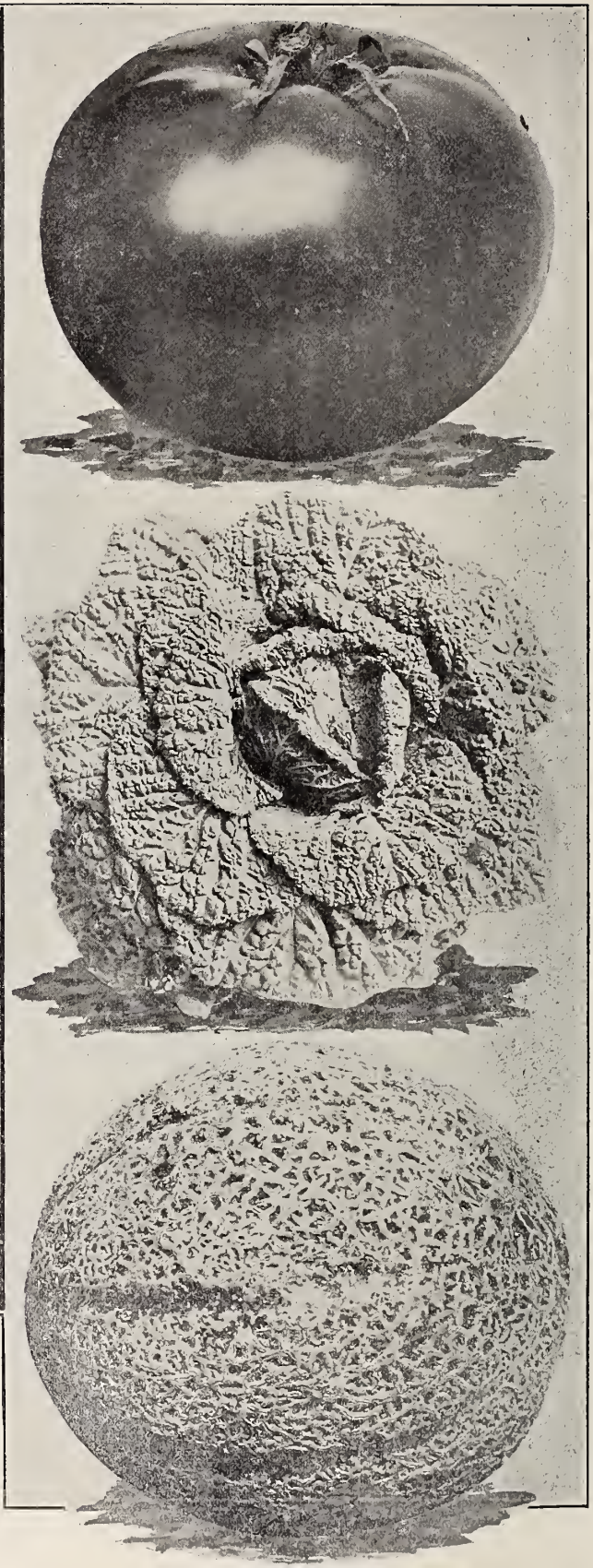
Large White Norfolk. A standard variety for field-culture for stock-feeding. Grows to a large size and is very productive.

Five Favorite Vegetables

(Illustrations two-thirds natural size)

Fordhook Bush Lima Bean—See page 5
Stringless Green-pod Bean—See page 4
Mammoth White Cory Sweet Corn—See page 12
Vick's Daisy Pea—See page 21
Detroit Dark Red Beet—See page 6





FOUR VARIETIES FOR THE FAMILY GARDEN

Radishes. These and many other varieties are described on pages 26 and 27

Stone Tomato—See page 31 (Natural size)

American Savoy Cabbage—See page 9 Illustration half size

Rocky Ford Muskmelon—See page 18 Illustration half size

SEEDS IN BULK

In the following list we quote prices for seeds by the bushel, peck, four quarts, and quart, when sent by freight or express ***at the expense of the purchaser.*** We deliver them at express offices or railroad depots in this city at these rates, bags, packing, and cartage free, *but in no case can we prepay the charges unless the amount has been previously advanced to us for that purpose.* On all seeds not included in this list, ordered by express or freight to be shipped not prepaid, the purchaser may deduct from the prices given in the preceding pages 10 cents per lb. on all seeds quoted by the pound.

BEANS—Wax-Podded.

	Qt.	4 qts.	Pk.	Bu.
Prolific German Black Wax	$0 35	$1 25	$2 25	$8 00
Golden Wax	35	1 25	2 25	8 00
Rustless Golden Wax	35	1 25	2 25	8 00
Wardwell's Kidney Wax	35	1 25	2 25	8 00
Refugee Wax	35	1 25	2 25	8 00
Davis White Wax, White Seeded	35	1 25	2 25	8 00
Yosemite Mammoth Wax	45	1 60	2 75	10 00

BEANS—Green-Podded.

Long Yellow Six Weeks	35	1 25	2 25	8 00
Extra Early Red Valentine	35	1 25	2 25	8 00
Bountiful	35	1 25	2 25	8 00
Giant Stringless Green-Pod Valentine	35	1 25	2 25	8 00
Extra Early Refugee	35	1 25	2 25	8 00
Dwarf Horticultural	35	1 25	2 25	8 00
True Bush Lima (Burpee)	35	1 25	2 25	8 00
Imp'v'd Bush Lima (Dreer)	35	1 25	2 25	8 00
Wood's Prolific Bush Lima	35	1 25	2 25	8 00

BEANS—Pole or Running.

Extra Early Jersey Lima	35	1 25	2 25	8 00
Seibert's Large Early Lima	35	1 25	2 25	8 00

BEANS—Continued.

	Qt.	4 qts	Pk.	Bu.
King of the Garden Lima	35	1 25	2 25	8 00
Dreer's Improved Lima	35	1 25	2 25	8 00
Large White Lima	33	1 25	2 25	8 00
Old Homestead	35	1 25	2 25	8 00

SWEET CORN.

Hiawatha	35	1 25	2 25	8 00
Vick's Earliest of All	25	75	1 25	4 50
Mammoth White Cory	25	75	1 25	4 50
Extra Early Golden Bantam	25	75	1 25	4 50
Metropolitan	25	75	1 25	4 50
Kendel's Early Giant	25	75	1 25	4 50
Perry's Hybrid Sugar	25	75	1 25	4 50
Early Minnesota	25	75	1 25	4 50
Crosby's Early	25	75	1 25	4 50
Moore's Early Concord	25	75	1 25	4 50
Potter's Excelsior (Squantum)	25	75	1 25	4 50
Early Evergreen	25	75	1 25	4 50
Early Mammoth	25	75	1 25	4 50
Hickox's Improved	25	75	1 25	4 50
Black Mexican	30	1 00	1 85	7 00
Stowell's Evergreen	25	75	1 25	4 50
Country Gentleman	25	75	1 25	4 50
Mammoth Late Sugar	25	75	1 25	4 50

PEAS.

	Qt.	4 qts.	Pk.	Bu.
Vick's Extra Early	30	90	1 65	6 00
Alaska (Earliest of All)	30	90	1 65	6 00
Gradus (Prosperity)	35	1 25	2 10	8 00
Thomas Laxton	35	1 25	2 10	8 00
Nott's Excelsior	30	90	1 65	6 00
Extra Early Premium Gem	30	90	1 65	6 00
Surprise	30	90	1 65	6 00
American Wonder	25	1 75	2 35	5 00
Bliss' Abundance	25	1 75	1 35	5 00
Bliss' Everbearing	25	1 75	1 35	5 00
Vick's Daisy	35	1 25	2 10	8 00
Horsford's Market Garden	35	1 15	2 00	7 00
Imp'd Pride of the Market	35	1 15	2 00	7 00
McLean's Advancer	35	1 15	1 00	7 00
Improved Stratagem	35	1 15	2 00	7 00
Telephone	35	1 25	2 25	8 00
Long Island Mammoth	30	90	1 65	6 00
Yorkshire Hero	30	1 00	1 75	6 00
Champion of England	25	75	1 35	5 00
Duke of Albany (American Champion)	30	90	1 65	6 00
Swastika	40	1 50	2 75	10 00
Mammoth Melting Sugar	30	90	1 65	6 00
Large White Marrowfat	20	65	1 00	3 00
Large Black Eye Marrowfat	20	65	1 00	3 00
Canada Field				2 25

USEFUL HERBS

A very small space in the garden will give all the herbs needed in the family. The culture is very simple; and the best way is to make a little seedbed in the early spring and set the plants out in a bed as soon as large enough. As a general rule it is best to cut the herbs when in flower, tie them up in small bunches, and hang in the shade to dry. We give a list of the herbs generally cultivated and prized. Of some kinds we furnish roots, as will be seen below:

	PKT.
Anise, per lb., $1.00; per ounce, 10 cents	5
Balm, per ounce, 30 cents	5
Basil, Sweet, per ounce, 20 cents	5
Borage, per ounce, 15 cents	5
Caraway, per lb., $1.00; per ounce, 10 cents	5
Catnip, per ounce, 30 cents	5
Coriander, per lb., 75 cents; per ounce, 10 cents	5
Dill, per ounce, 10 cents	5
Fennel, Large Sweet, per ounce, 10 cents	5
Hoarhound, per ounce, 25 cents	5
Hop Seed, per ounce, $1.50	25
Hyssop, per ounce, 25 cents	5
Lavender, Lavendula spica,) per oz., 10 cts.	5
True, (Lavendula vera,) ounce, 25 cents	5
Marjoram, Sweet, per ounce, 20 cents	5
Rosemary, per ounce, 40 cents	5
Rue, per ounce, 20 cents	5
Saffron, per ounce, 10 cents	5
Sage, per lb., $2.00; per ounce, 20 cents	5
Savory, Summer, per ounce, 15 cents	5
Savory, Winter, per ounce, 20 cents	5
Sorrel, French, per ounce, 15 cents	5
Tansy, per ounce, 30 cents	5
Thyme,	
Broad-Leaved, or Winter, per oz., 30 cts.	5
Summer, per ounce, 30 cents	5
Wormwood, per ounce, 30 cents	5
Lavender, roots, by mail, each, 15 cts.; two for 25c.	
Sage, roots, by mail, each, 15 cts.; two for 25c.	

BOOKS FOR GARDEN OR GREENHOUSE

Postage or Express Charges prepaid on any of these Books.

Alfalfa. Its growth, uses and feeding value, together with notes on its history, botany, etc. By F. D. Coburn. Illustrated, cloth, 12mo, 160 pages. 50 cents

Asparagus. Its culture for home use and for market. By F. M. Hexamer. Handsomely illustrated, 5 x 7 inches, 170 pages, cloth. 50 cents

Cabbage, Cauliflower and Allied Vegetables. From Seed to Harvest. By C. L. Allen. A practical treatise on the various types and varieties of cabbage, cauliflower, broccoli, Brussels sprouts, kale, collards, and kohl rabi. Illustrated, 142 pages, 12mo, cloth. 50 cents

Celery Culture. By Prof. W. R. Beattie. In this work complete cultural directions are included, together with the estimate of cost for equipment and running expenses, and a fair estimate of returns from one acre. 50 cents

Onion Culture, The New. By T. Greiner. This work is full of new, original and highly valuable matter of material interest to every one who raises onions in the family garden, or by the acre for market. 50 cents

Roses and How to Grow Them. A manual for growing roses in a garden and under glass. Illustrated, 12mo, 189 pages. $1.10

The Amateur's Practical Garden Book. By C. E. Hunn and L. H. Bailey. Contains complete directions for growing the commonest of things about the house and garden. $1.00

Garden Making. By L. H. Bailey. Contains directions for buildings, fences and hedges, preparation of land, planting trees and shrubs; insects and diseases, tools, laying out grounds, lawn making and planting, pruning trees, raising flowers, vegetables and fruits. $1.50

The Chrysanthemum: Its culture for professional growers and amateurs. By Arthur Herrington. 50 cents

Strawberry Culturist. By Andrew S. Fuller. Showing the history, sexuality, and best culture; how to fertilize, grow from seed, etc. Illustrated, flexible cloth, 12mo. 25 cents

Mushrooms. How to grow. 10 cents

How to Grow Mushrooms. By Wm. Falconer. A practical treatise on Mushroom Culture for profit and pleasure. $1.00

How to Make Money Growing Violets. Saltford. 25 cents

The Small Fruit Culturist. By A. S. Fuller. Equally adapted to the needs and requirements of the private cultivator and the large grower. Illustrated. $1.00

Remember That our prices include the Postage or Express charges, unless otherwise stated

VICK'S LAWN GRASS MIXTURES

FOR a fine lawn make the soil light and mellow, so that it will not bake after a rain; and if it is very heavy or clayey, cover the surface with a light coating of fine manure after sowing the seed. For small plots sow about one quart of Vick's Velvet Lawn Seed to a square rod, which will make a beautiful thick turf. For larger areas we give here a table showing how much seed is required for any number of square feet:

For 1 acre, 43560 square feet . . 4 bu. or 80 lbs.	For ½ acre, 14520 square feet . . 1⅓ bu. or 27 lbs.	For 1-12 acre, 3630 square feet . . 7 lbs.
" ½ " 21780 " " . 2 " 40 "	" ⅓ " 7260 " " . . 14 "	" 1-16 " 2723 " " . . ¼ bu. or 5 "
" ¼ " 10890 " " . . 1 " 20 "	" ⅛ " 5445 " " . . 10 "	" 1-32 " 1362 " " . . 2½ "

Sow as early as possible in the spring, so as to get the benefit of early spring rains. If it is not convenient to sow then, wait till September;—**do not sow during the summer months.** After sowing, rake seed in thoroughly so that it will be well covered. Rolling improves the appearance of any lawn, and frequent mowing is of course necessary.

The Lawn Beautiful

To make a perfect lawn good seed is absolutely essential.

Vick's Velvet Lawn Grass

is composed of pure seed, and contains no chaff or weed seeds. A velvet Lawn is assured in six weeks after sowing

Per quart, 30 cents; Per lb., 45 cents; Postpaid.

Peck, (5 lbs.) $1.50 Bushel,(20 lbs.) $5.00; express or freight not prepaid.

The Velvet Mixture contains all of the very best varieties of grasses suited for the purpose of making a Lawn beautiful in appearance, durable and lasting, and which will stand the frosts of winter and the hot sun of summer, showing a deep rich green at all seasons. The seed used is pure and heavy and especially cleaned. There is a great difference in the quality of Lawn Grass Seed. The mixtures that are sold in the stores and by some seedsmen at a very low price is composed mostly of Blue Grass Chaff, and will not grow. Our mixture is composed of the purest Kentucky Blue Grass Seed obtainable in Kentucky, including White Clover, Sweet Vernal and other desirable grasses for Lawns. Per quart, 30 cents; lb., 45 cents; postpaid. Peck, (5 lbs.) $1.50; bushel (20 lbs.) $5.00; express or freight not prepaid.

Vick's Shady Spot Lawn Grass

For shaded corners or under trees, where ordinary grasses will not thrive. Peck (5 lbs.) $1.50; bushel (20 lbs.) $5.00. Express or freight not prepaid.

Vick's Golf Mixtures

For Golf Grounds we make two mixtures: One for Putting-Greens, and another for Fair-Greens. Both are the results of careful trials, and can be relied on to give satisfaction.

Putting-Green Mixture. Per pound, 45 cents, postpaid. 5 lbs., $1.50; 10 lbs., $2.50; 100 lbs., $24.00; express or freight not prepaid. Sow 80 pounds per acre.

Fair-Green Mixture. Per pound, 35 cents, postpaid. 5 lbs., $1.50; 10 lbs., $2.50; 100 lbs., $23.00; express or freight not prepaid. Sow 80 pounds per acre.

By quart and pound we prepay postage.
At the price per bushel and peck we ship by Express or Freight, not prepaid. No charge for bags, packing, or cartage.

Pulverized Sheep Manure

THE most satisfactory Fertilizer for the Greenhouse, Lawn, Vegetable or Flower Garden, Trees and Shrubs. Odorless and clean. It is extensively used on our Farms in preferenee to all other Fertilizers

A pure, natural, odorless fertilizer and the most nutritious food for all vegetable growth. The best for lawn and garden. Its effect is immediate, lasting, and it can be applied without risk. On lawns its effect is readily apparent and should be applied either in spring or fall to achieve the best results. One ton is sufficient for an acre, and 12 pounds for a plot 15 by 20 feet. 6 lbs., 35 cents; 25 lbs., 75 cents; 50 lbs. $1.25; 100 lbs., $2.00; charges not prepaid.

MACDOUGALL, September 26, 1908.

JAMES VICK'S SONS,

Gentlemen:—I have submitted the timothy seed, a sample of which you have very kindly sent me, to a germination test. Your seed had a germination of 97 per hundred. Allow me to congratulate you on the fine showing made by your seeds in comparison with other samples tested. My order will follow.

Yours truly,

L. A. W. ALLENSAY.

Last year, from a package of Earliana Tomato Seed, I set out a piece of ground 14 x 40 feet; sold nine bushels of Tomatoes at $1 per bushel; used 1½ bushels for ourselves, and sold a number of plants. Only five of the 140 plants set were destroyed by cutworms. All about us people lost their first and even second planting, though protecting them in every way. My plants, though unprotected, were not affected by the heat. I consider them the finest Tomato *in every way* to be found.

MRS. J. F. CONVERSE, Massachusetts.

Extra Choice Grass Seed

In some cases we are unable to quote by the bushel or 100 pounds, owing to the changes in market price from day to day; but we will be pleased to make special prices on application.

At Pound price we prepay postage. Pecks or Bushels by Express or Freight at Expense of Purchaser

Creeping Bent, or Fiorin (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses, as it thrives in moist land, on which water does not stagnate. 2 to 2½ bushels per acre. Bushel, 20 pounds. **Pound, 45 cents; 100 lbs., $30.00.**

Red Top, fancy (*Agrostis vulgaris*). Valuable in a mixture for either lawns, pastures, or meadows, growing in almost any soil, moist or dry. For lawns forty-five pounds; for pasture twenty-five to thirty pounds per acre. Fancy cleaned. **Pound, 40 cents; 100 lbs., $18.00.**

Red Top. Pound, 30 cents; peck, 85 cents; bushel, (14 lbs.) $3.00; 100 lbs., $16.00.

Bermuda Grass. Invaluable for crop in the South, standing a greater degree of heat than any other known grass. **Pound, 60 cents; per 100 lbs., $35.00.**

Sweet Vernal Grass, True Perennial (*Anthoxanthum odoratum*). The chief merit of this grass lies in its fragrant odor. As a mixture for lawns and pasture lands it is invaluable. **Per lb. 85 cents;** ounce . . 15

Annual Sweet Vernal, per lb. 30

Tall Meadow Oat Grass (*Avena elatior*). Valuable for pasture. The most promising for replacing prairie grass at the west. Four bushels to the acre. Bushel, 13 pounds. **Pound, 50 cents; 100 lbs, $22.00.**

Hungarian Brome (*Bromus inermis*). A perennial grass especially suited to dry lands and regions subject to severe droughts. It does well in all parts of the country, North and South. It grows most rapidly in sandy soils, but will establish itself on the heaviest lands. 25 pounds of seed per acre. Bushel, 14 pounds. **Pound, 30 cents; 100 lbs., $15.00.**

Orchard Grass (*Dactylis glomerata*). One of the very best pasture grasses, exceedingly palatable to stock, will endure a good deal of cropping. One and one-half to two bushels per acre. Bushel, 14 pounds. **Pound, 45 cents; 100 lbs., $20.00.**

Meadow Fescue (*Festuca pratensis*). Excellent pasture grass. Sow in a mixture with other grasses, as Orchard Grass, Rye Grass, or Kentucky Blue Grass. 40 lbs. per acre. Bushel, 22 pounds. **Pound, 30 cents; 100 lbs., $15.00.**

Perennial Rye Grass (*Lolium perenne*) Valuable for permanent pasture, in mixture with other pasture grasses. One and one-half to two bushels per acre. Bushel, 24 pounds. **Pound, 25 cents; 100 lbs., $9.00.**

Italian Rye Grass (*Lolium Italicum*). Used in Europe for soiling. Gives early, quick, and successive growth, till late in fall. 2 bushels to the acre. Bushel, about 18 pounds. **Pound, 30 cents; 100 lbs., $9.00.**

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plant. May be sown as late as first of July, and produce a large green crop. 1½ bushels to the acre. Bushel, 48 pounds. **Pound, 30 cents; bushel, market price.**

German, or Golden Millet. Medium early forage plant, prolific in stalk and grain; 25 pounds to an acre. Bushel, 50 pounds. **Pound, 20 cents; bushel, market price.**

Japanese Barnyard Millet (*Panicum Crus-Galli*). Enormously productive, yielding from four to six tons of cured forage per acre, on rich soils. Six to eight feet in height. Sow in May, broadcast, ten to twelve pounds per acre, or in drills, eight pounds per acre. **Pound, 25 cents; 100 lbs., $8.00.**

East Indian or Pearl Millet (*Penicillaria spicata*). Grows from eight to ten feet high. When cultivated for fodder, sow in drills three feet apart, and thin out to one foot apart in the rows. Three to five pounds per acre. **Pound 20 cents; 100 lbs., $7.00.**

Siberian Millet. A new and wonderfully productive forage plant from Russia; extremely hardy; about four feet in height. The hay and fodder are very nutritious and much liked by all kinds of stock. Sow in April, May, or June, one peck to the acre. **Pound, 25 cents; 100 lbs., $7.50.**

Timothy (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils it will produce more than any other sorts. One-fourth to one-half bushel per acre. Bushel, 45 pounds. **Pound, 20 cents. Bushel, market price.**

Kentucky Blue Grass (*Poa pratensis*). In conjunction with White Clover it forms the finest and closest turf. As a pasture grass it furnishes the most nourishing food for cattle of any, until winter; thrives on a variety of soils, but does best in dry and somewhat shady localities. Sixty pounds for lawn and twenty pounds per acre for pasture. Extra fancy, re-cleaned. **Pound, 40 cents; per bushel, $3.25; 100 lbs., $20.00.**

Rough-Stalked Meadow Grass (*Poa trivialis*). One of the most valuable grasses to cultivate in moist, rich, sheltered soils. 20 pounds to the acre. Bushel, 14 pounds. **Pound, $1.00 cents; 100 lbs., $60.00.**

SPECIAL GRASS MIXTURES

These Mixtures contain over a dozen of the best permanent grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing.

Standard Hay Mixture. For general hay lands; containing six varieties of grasses and clover. **Pound, 25 cents; 100 lbs., $18.00.**

Standard Pasture Mixture. For ordinary pastures, where the land is neither very wet nor very dry. **Pound, 25 cents; 100 lbs., $18.00.**

Dry Pasture Mixture. For very high and dry pastures; containing grasses that withstand exposure and severe weather. **Pound, 25 cents; 100 lbs., $18.00.**

Wet Pasture Mixture. Made up of grasses especially adapted to damp places. **Pound, 25 cents; hundred lbs., $18.00.**

All the above mixtures are made up to sow 35 pounds to the acre. **At the prices given we do not prepay carrying charges.** *Not less than 25 pounds at 100 pound rate. No charge for bags or packages.*

FARM SEEDS

At Pound or Quart, we Prepay Postage. Pecks or Bushels by Express or Freight at Expense of Purchaser

Special Prices on Large Quantities.

ARTICHOKE

Helianthus tuberosus (*Jerusalem Artichoke*). Artichokes are planted same as potatoes. Four bushels will produce 1200 bushels of roots. It is very hardy, and will stand freezing and thawing, and hogs will grow faster and become more healthy on this than on any other feed. **Quart, 35 cents; peck, 75 cents; bushel, $2.50.**

BEANS

Soja Bean (*Glycine hispida*, or *Soja hispida*). Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or plant in drills three feet apart and one foot between plants. **Pound, 25 cents; bushel, $3.50.**

Velvet Bean (*Mucuna utilis*). Used by farmers in the Southern States as a forage plant, and also as a fertilizing plant for turning under. Its nitrogen-gathering properties are said to surpass those of the Cow Pea. Stock readily eat the vines and leaves, and the beans when ground, with or without the pod, are used in place of oats or corn, and sometimes mixed with them. Two or three seeds planted four feet apart in rows five feet apart will literally cover the ground two or three feet thick with a mass of foliage and vines, no matter how poor the soil. **Pound, 25 cents; peck, $1.50; bushel, $5.00.**

BROOM CORN

Improved Evergreen. This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. **Pound, 25 cents; 100 lbs., $8.00.**

COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for wheat, as it matures the first year from seeding. Plant seed in a thoroughly pulverized warm soil. If wanted to plow under for manure, sow in drills one foot apart. If grown for fodder, or for the seed, plant three feet apart and cultivate thoroughly.

Black Eye, Clay, Wonderful, Whippoorwill, Mixed.

All varieties at the Market Price. Write for prices.

SPURRY

Spergula arvensis. Annual. Grows well on poor, dry, sandy soils. It is in best condition for pasture in four to six weeks after sowing, and may be sown every month from March to August. Sow fifteen pounds to the acre. Pound, 25 cents; 100 lbs., $7.00.

FIELD OF AMERICAN BANNER OAT. (See opposite page)

RAPE

Dwarf Essex, English. The best Sheep Fodder.

Especially grown for feeding sheep, but cattle, pigs, and milch cows do very well upon it. Sheep should have access to a grass pasture, on which they will feed alternately with the Rape, thus keeping them in the best condition. A constant supply of salt in the Rape field is quite beneficial. For sheep pasture, sow in May, and it will be ready for pasturing in July and August. Or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre. **Pound, 25 cents; 100 lbs., $10.00.**

SORGHUM

When wanted in larger quantities than quoted, ask for special prices.

Early Amber. This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row. **Pound, 25 cts.; 100 pounds, $6.00.**

Kaffir Corn. This will do well wherever Amber Cane will grow It is used as a green fodder. **Pound, 25 cents; 100 lbs., $6.00.**

Millo Maize. when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. It is relished by cattle, hogs, etc., etc. **Pound, 25 cents; 100 lbs., $7.00.**

Jerusalem Corn. Belongs to non-saccharine Sorghums. It is considered a good sure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. Three pounds will plant an acre. **Pound, 25 cents; 100 lbs., $8.00.**

Johnson Grass (*Sorghum Halapense*). Popular in the Southern States, where it is considered one of the most valuable forage plants. One bushel per acre. Bushel, 25 pounds. **Pound, 25 cents; 100 lbs., $9.00.**

WILD RICE

Zizania aquatica. Valuable as a forage plant for swamps and wet land. Stock are fond of it when green and also when cured for fodder. It is also much sought after by water fowl. **Pound, 35 cents; 100 lbs., $20.00.**

SUNFLOWER

Mammoth Russian. Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. **¼ pound, 10 cents; ½ lb., 15 cents; lb., 25 cents; 100 lbs., $7.00.**

White Beauty. A Sunflower with snow-white seeds. This strikingly distinct new sort is not only the most beautiful, but the most vigorous, out-yielding the old sorts almost two to one, 3,000 pounds per acre being no unusual yield. **Ounce, 5 cents; ¼ lb., 15 cents; lb., 35 cents.**

HEDGE PLANTS

HONEY LOCUST

Gleditschia triacanthos. One of the most valuable native trees, on account of its rapid growth and longevity of the timber. The seeds are very slow to germinate, and for this reason should be treated with hot water. Take up small plants and heel in; cover the plants in the fall and set out the next spring. About 175 seed to the ounce. **Ounce, 10 cents; lb., 60 cents.**

OSAGE ORANGE

Maclura aurantiaca. Used extensively as a hedge plant. It is easily kept dwarf by cutting back, Sow last of May. About 600 seeds to the ounce. **Ounce, 10 cents; lb., 60 cents.**

Vick's Farmers Handbook

Contains complete instructions for growing all GRAINS, GRASSES, ROOT CROPS, POTATOES; and ALFALA, the Great Fodder Crop, is given two entire pages.

68 pages of valuable information. Mailed for 10 cents.

¶ Our Alfalfa Seed is tested for purity by the United States and New York Experiment Stations. We do not handled weed-infested or poor seed of any kind.

Prices on Farm Seeds are subject to market fluctuations, without notice.

OATS

Swedish or Washington.

The Ideal Oat for the American Farm.

This new variety combines all the best and necessary points of its class. It is practically immune from rust, is the earliest and most bountiful cropper of the heavy growing sorts. Being a very deep rooter it resists drought more easily than others. The grains are absolutely white, thick and plump and very thinly hulled, making them most valuable as a feeding Oat. Although succeeding best on clay soils it has yielded generous amounts under all conditions. The straw is long and stout, and consequently stands up well, and does not lodge or twist. It has already proven its superiority, and is undoubtedly the heaviest cropping white Oat ever offered, having yielded over 100 bushels to the acre and ordinary crops going sixty bushels and over. Sow three bushels per acre.

Pound, 25 cents; three lbs., 60 cents; peck, 60 cents; bushel, $1.50.

Vick's Improved American Banner. When we introduced the American Banner Oat we knew it was a good thing, and it still retains its place with the leaders, in fact its fame is higher and more secure than ever before. An average of eighty pounds have been raised from one pound of seed, and 100 bushels from an acre. The grain is white, large, and plump, ripens early; straw stiff and of good length. **Postpaid, pound, 20 cents; three lbs., 50 cents. Peck, 50 cents; bushel, $1.35.**

WHEAT

SPRING—Peck, 60 cents; bushel, $2.00.

WINTER—Peck, 60 cents; bushel, $2.00.

BARLEY

Hulless. Hulless, like wheat, when threshed. Ripens early and yields about ten bushels more per acre than other barley. **Pound, 25 cents; peck, 75 cents; bushel, $2.25.**

Early Russian Six-Rowed. For malting it has no equal; and the yield, as compared with other varieties, is enormous. **Peck, 60 cents; bu., $2.00.**

Champion Beardless. Early and prolific. **Peck, 75 cents; bushel, $2.25.**

Manshurey. The most productive six-rowed variety. Ripens early, with strong, stiff straw. **Peck, 60 cents; bushel, $2.00.**

BUCKWHEAT

Japanese. The yield of this variety is largely in excess of the old sorts. The straw is heavier and more branching, kernels twice the size of the old kinds, and ripening a week earlier. **Pound, 20 cents; peck, 50 cents; bushel, $1.75.**

Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. **Pound, 20 cents: peck, 50 cents; bushel, $1.75.**

FIELD CORN See page 13.

SWEDISH OR WASHINGTON OAT

RYE

Spring Rye. This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so produced for several years. The standard variety for spring planting. **Peck, 60 cents; bushel, $1.75.**

White Winter. Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety, of which we offer choice selected stocks only. **Peck, 60 cents; bushel, $1.75.**

CLOVER

Special Quotations for Large Quantities

For many years we have made Grasses and Clover a careful study. Our stocks are free from weeds and of the highest germinating quality, and we offer them with the assurance that, if favored with your orders, they will be filled promptly and with stock that cannot be excelled. Red Clover, Alfalfa and Timothy are again extremely scarce,—that is for good samples, and early orders are advisable.

"King Brand" of Clover and Timothy

King brand appears upon our highest grades of both Timothy and Clover, and indicates that the seed is absolutely pure, fresh, and of the highest vitality.

A-1 brand is used upon grades which are perfectly pure, but not as handsome appearing.

The Timothy especially is a greater part of it hulled, owing to the fact that it is fully ripened, and the hull separates from the seed in the cleaning process, but this does not in any way injure the vitality, as matured seed will always grow.

	Per lb., postpaid.	Per 100 lbs., charges not prepaid.
King Timothy	.25	*Prices on*
A-1 Timothy	.20	*Application*

	Per lb., postpaid.	Per 100 lbs., charges not prepaid.
King Red Clover	.35	*Prices on*
A-1 Red Clover	.30	*Application.*

Samples furnished free upon application. **Special quotations on large quantities.**

Scarlet, or Crimson (*Trifolium incarnatum*). Most valuable crop for green manuring, soiling, hay, pasture, and ensilage. It is an annual and must be sown every year. Improves worn out and poor soils, and is the **cheapest** and best **fertilizer.** Should be sown in August and September. Sow 10 to 15 pounds per acre. Bushel, 60 pounds. **Pound, 25 cents; bushel, market price.**

Alsike, or Swedish (*Trifolium hybridum*). Thrives in rich, moist soil. Does not succeed on high, dry lands. Six pounds per acre. **Pound, 30 cents; bushel, market price.**

White (*Trifolium repens*). Valuable to mix with lawn grass; should be in every mixture for permanent pasture. 6 lbs. to the acre, half the quantity when sown with other grasses. **Ounce, 10 cents; lb., 35 cents; 100 lbs., market price.**

Sweet, or Bokhara (*Melilotus alba*). Makes excellent food for bees. **Ounce, 10 cents; lb., 40 cents.**

Alfalfa, or Lucerne (*Medicago sativa*). Where this succeeds it is the most valuable of all the clovers; requires a very fine, mellow, deep soil. **Ounce, 10 cents; lb., 35 cents; bushel, market price.**

At the pound price, we prepay postage; at price per bushel, we ship by express or freight, not prepaid.

Prices on page 35 and 37 subject to market fluctuations without notice.

Nature's favorite method of plant reproduction is by seeds; and in this way great numbers of plants can be produced at the least expense; also, such plants, as a rule, are more vigorous and more free from any constitutional defects of vitality. Gardeners, therefore, prefer this method of raising plants whenever it is available, as it is in the case of most annual, biennial, and perennial plants.

Annuals.—Annual plants, or those which, starting from the seed, attain their growth, bloom and perfect their seeds and then die, all in one year, comprise some of the most beautiful flowers of our gardens. The annual plants that have been employed in gardening are exceedingly numerous, and even to name them would make a voluminous list. From this great number, experience has led to a selection of the most desirable kinds; and these are mentioned and described in the following pages. Asters, Balsams, Mignonette, Poppies, Sweet Peas, and Morning Glories, are among the well-known annuals that are wanted in every garden.

Biennials.—The Snapdragon and the Hollyhock are examples of what are called biennial plants; that is, those that live two years. The Snapdragon will bloom the first year from seed, and live over winter and bloom the second summer, and then die; the Hollyhock waits until the second year before sending up its flower-stalks.

Perennials.—Among perennial plants, or those that live a number of years, there are some that will bloom the first year from seed, and some not until the second season. Some of these that bloom the first year will not stand our cold winters, and so they are practically annuals in cold climates, though in mild regions they may live a considerable number of years. The Verbena is an instance of this kind. But many desirable perennial plants are hardy even in very cold climates, and these are important subjects for every flower garden. The Columbine, Calliopsis lanceolata, Perennial Larkspur, and the Foxglove, are examples.

Kinds to plant where they are to bloom.—When the seeds of plants are sown in the garden border most kinds should be transplanted soon after they are up, and be given a considerable space in which to develope properly. A few kinds only are better to be planted where they are to remain to bloom. Some of the most prominent among these are the following: Alyssum, Morning Glory, Centaurea, Eschscholtzia or California Poppy, Mignonette, Nigella, Poppy, Ricinus, Sunflower, Nasturtium, Cobœa, and Sweet Peas. Some even of these it is sometimes desirable to transplant, and of course this should be done only when the plants are quite small.

HINTS ON SOWING SEEDS AND TRANSPLANTING

Sowing Seed. In seed sowing a great deal of skill can be acquired, and those who know least about it are the ones who usually are loudest in their complaints about bad seeds. It is an advantage with many kinds of seed to sow them early, as in the case of onions, which should be sown as early in spring as the ground can be prepared, but cucumbers and egg plants must wait until the ground is warm. Lettuce seed may be scattered on the snow or frozen ground, and as a result will give an early crop, but little zinnia plants would perish in the cold, even if the seeds germinated when treated the same way.

When to Sow Seeds. Although, as has been shown, some kinds may be put into the ground very early, yet as a rule, seed sowing cannot be safely done until frost is all out of the ground and the upper soil has become warm. Some people are so anxious to make their gardens that they do not wait until it is warm enough, and every spring a great many seeds are sown which start and are then cut down by the frost.

Depth to Sow Seeds. For all seeds the soil should be mellow, and for small seeds the surface should be raked very fine. An old rule with gardeners is to cover seeds so that the soil over them shall be twice the thickness of the seed. But something depends on the character of the soil; if it is clayey and liable to bake, it is a good plan to have some sand to spread over the seeds, as this will allow the young plants to push through easily. After planting press down and firm the soil over the seed.

Grass Mulch for Seeds. When fine seeds are to be sown and dry weather or a hot sun is to be feared, it is well to place some short clippings of grass or some such material over the rows; when the little plants start this mulch can be drawn aside a little. At all times seek to secure for the seeds sufficient warmth and moisture.

Sowing Seeds Under Glass. With many kinds of flowering plants and vegetables it is not best to wait until the weather is favorable to sow the seed in the open garden, for much better results can be obtained if they are sown earlier and the plants are large enough to put out when the fine weather comes, for our seasons are too short to allow of any long time to wait for the plants to grow. For this reason we sow seeds in a propagating house or greenhouse, or in boxes in the window, or in a hotbed or coldframe, in some place where the plants can be protected while it is yet cold, and yet have a temperature in which they will thrive.

Hotbeds. Care is required to prevent scorching the young plants. In bright days the heat is intense inside the frame, and unless air is freely given, or some course taken to obstruct the rays of the sun, most likely a great portion of the plants will be ruined. When the sun gets pretty warm give the glass a thin coat of whitewash. This gives a little shade, and, with some air during the middle of bright days, will make all safe. The hotbed is made by forming a pile of horse manure with the straw used for hedding, or leaves, some three feet in height. Shake all together, so that straw and manure will be equally mixed. It may be sunk in the ground a foot or eighteen inches, or made on the surface. On this place about five inches of good mellow soil. Then set the frame and keep it closed until fermentation takes place and the soil is quite warm. It is better to wait a day or two after this, and then sow the seeds.

Coldframe. Some of the advantages of a hotbed can be secured by a coldframe. This is simply a frame with sash, the same as employed for a hotbed, placed upon a bed of fine mellow earth, in some sheltered place in the garden. The heat of the sun warms the soil, and, as the air is confined, the warmth and moisture cannot escape. After the frame is secured in its place a couple of inches of fine earth should be placed inside and the frame closed for a day or two before the seeds are planted. As the coldframe depends upon the sun for warmth, it must not be started as soon as the hotbed, and in this latitude the latter part of April is soon enough. Plants will then be large enough for transplanting to the open ground as soon as danger from frost is over, and, as a general thing, they will be hardier and better able to endure the shock of transplanting than if grown in a hotbed. A frame of this kind anyone can manage. Watering occasionally will be necessary; and air must be given on bright, warm days. Shade also is necessary.

Hand-Glasses. A frame, or box, with a couple of lights of glass on top, prevents the drying of the surface of the ground, and affords the plants shelter from sudden changes, cold storms, and frosty nights. Seeds may be sown in the house in pots, or boxes, but the greatest difficulty is that the soil dries very rapidly in them, and young plants are apt to suffer. A very good plan is to cover the pot with a pane of glass, removing it occasionally for air. Where very fine seeds are sown in pots, the watering, unless carefully done, generally results in great injury. A wet paper placed over the top of the pot will afford moisture enough for the germination of fine seeds. If pots are used it is well to sink them to the rim in a box of moss, or something of the kind, that will hold moisture, and prevent the drying of the earth in the pots. A shallow box may be used to advantage, sowing the seed carefully in narrow drills.

Transplanting. All the operations of the garden should be done with neatness; no crooked irregular rows are admissible. After plants in the seedbeds have obtained their second leaves and made an inch or two in growth, they should be moved to the garden beds or border. This should be done on a dull day, if possible; if not, the plants may require shading after removal until they become established. In transplanting in dry weather, always give the plants as they stand in the seedbed a good soaking with water, and also the soil to which they are removed, an hour or so before removal. In removing, disturb the roots as little as possible.

These helps are intended mainly for tender or half hardy annuals. The hardy annuals may be sown where they are to flower, though, with the exception of a few varieties difficult to transplant, it is best to sow all in a seedbed.

Collections of Flower Seeds

Vick Quality Aster Collection

Six of Vick's latest introductions in the Aster world, including "Early White Branching," two novelties of this year, and our booklet "How to Grow Asters."

Vick's Early White Branching	.15
Vick's Imperial Lavender (new)	.25
Vick's Violet King	.20
Vick's Cardinal	.25
Vick's Lavender Gem	.20
Vick's Mikado Pink (new)	.25
How to Grow Asters	.10
	$1.40

Collection of six of the latest introductions, and "How to Grow Asters," for $1.00, postpaid.

Vick's Branching Aster Collection

White, Pink, Rose, Crimson, Purple, Lavender, Dark Violet.

Packet, 10 cents; one packet each of seven colors, 50 cts.; postpaid. See page 43.

How to Grow Asters

Their Culture and Care

Revised edition now ready. Contains many new points of value, and is a practical instructor for the Aster grower. Free with an order for Vick's Aster Seed amounting to 25 cents, or sent postpaid on receipt of 10 cents without order for seed.

Antirrhinum (Snapdragon)

The old favorite Snapdragon is growing in popularity as a bedding plant, owing to the great variety of colors and the long time the plants remain in bloom.

Scarlet and Yellow	.05
Striped	.05
Yellow	.05
White	.05
Blood Red and White	.05
Orange and Scarlet with White Throat	.05
Crimson with White Throat	.05
Rose	.05
	.40

Collection of eight packets, postpaid, for 25 cents.

Vick's Collection of Petunias

One packet each of the following extra fine Petunias;

Large-flowering Single, mixed	.25
Large-flowering Vick's Fringed, mixed	.25
Large-flowering Giants of California, mixed	.25
Single-flowered Bedding, mixed	.10
Double-flowered Bedding, mixed	.25
	$1.10

Collection of five varieties, postpaid, for 75 cents.

Vick's Collection of Phlox Drummondii Grandiflora

Phlox is one of the most satisfactory Annuals for bedding, blooming early in June to late Fall. Nothing equals it for massing.

Fourteen different colors in separate packets for $1.00.
Regular catalogue price, $1.20.
Seven different colors for 50 cents. Regular price, 70c.

Vick's Collection of Climbing Nasturtiums

Eighteen varieties in separate packets, for 50 cents, postpaid. See page 55.

Vick's Collection of Dwarf Nasturtium

Eighteen varieties in separate packets, 50 cents.

Vick's Collection of New and Rare Giant-flowering Pansies

Five of the grandest new French introductions, the colors being most striking in their brilliancy, and the curled and wavy petals make the flowers extremely interesting and novel. See page 56.

Psyche, Violet, white border, crimped, curled and wavy petals	.20
Andromeda, Rose and Lavender	.20
Emperor Franz Joseph, Violet Spotted	.20
Prince Henry, Darkest Blue, extra fine	.20
Masterpiece, Giant, crimped and raffled; mixed colors	.20
	$1.00

Collection of five varieties, postpaid, for 85 cents

Vick's Collection of Poppies

If you want a novel and showy bed of flowers, try the Poppy. Unsurpassed in brilliancy of colors and marking. See page 60.

American Flag, Snow White bordered with Scarlet, double	.05
White Swan, Double fringed, White	.05
The Tulip, Large single Scarlet, fine	.05
Cardinal, Large single, in variety of colors	.05
Shirley, One of the best and most showy of the single Poppies. All colors	.05
Golden Gate, Semi-double, a great variety of colors	.05
	.30

Collection of six choice varieties, postpaid, for 20 cents.

Vick's Banner Collections of Sweet Peas

A perfect Rainbow of Colors. Each in separate packet.
Collection of twenty varieties, postpaid, for 25 cents.
Collection of forty varieties, postpaid, for 40 cents.
For description, see page 62.

Vick's Collection of Verbenas

Auricula-flowered, or White-eyed	.10
Striped	.10
Scarlet	.10
Pure White	.10
Cloth of Gold, Golden yellow leaves; mixed colors	10
Cœrulea, Blue shades	.10
Lutea, Yellow	.10
Purplish Violet, White center	.10
	.80

Collection of eight varieties, postpaid, for 60 cents.

Vick's Collection of Zinnias

Tall, double, eight separate colors—Lilac, purple, crimson, scarlet, rose, orange, yellow, white.
In one collection for 30 cents. See page 66.

ASTERS

VICK'S IMPERIAL SUNRISE

Vick's Asters at the New York State Fair

Syracuse, September 14 to 19, 1908, created more interest among flower growers than any other exhibit in the Floral Department. The upper row shows Vick's Branching Rose, and White, with a jar of Vick's Violet King in the center. In the center of the second row is a vase of Vick's Mikado Pink, our novelty of this year. The bottom row shows Vick's Branching Purple, Violet, Crimson, and Lavender, Mikado White, and other well-known varieties. These magnificient Asters were *not* entered for premiums, but were exhibited for the purpose of showing what anyone can do who uses Vick's Aster Seed. A remark frequently made to the attendants was: "I have just as nice Asters at home and my seed came from Vick's."

WE EXTEND A CORDIAL INVITATION TO ALL OUR FRIENDS TO VISIT OUR ASTER FARM in August and September of the summer of 1909. It is worth a long trip to see from thirty to forty acres of Asters in bloom at one time, and also interesting to see how we are developing new and improving old sorts We are proud of this year's introductions, Imperial Lavender and Mikado Pink. They are as good in their class as Vick's Branching and Vick's Violet King.

In addition to the Asters there are trials of the new introductions from Europe and America, including tests of our own stock seeds. During the past season there were over two thousand tests of Flower Seeds alone. These are an exceedingly interesting study, showing the development from day to day of many so-called "valuable novelties," but which often prove absolutely worthless. We want you to visit us and see how carefully we test all varieties—then you will know what we mean when we say "Vick Quality" is unsurpassed. Should you decide to accept our invitation notify us in advance. We will do all in our power to make your visit pleasant and interesting.

Vick's Branching Asters

Vick's Early Branching

Vick's Late Branching Asters are peers of all the leading sorts in size of flowers, and freedom from yellow centers so prevalent in the older varieties. To obtain all the good qualities of the Branching in an *early variety* has been our aim and ambition for years, and we are pleased to announce to our Aster loving friends that we have at last succeeded, and offered in 1908 for the first time an Early Branching Aster with all the good points of the Late Branching. Vick's Early Branching Asters are a distinct advance in the branching class, attaining the size and vigor of Vick's Late Branching, and coming into flower about two weeks earlier. The plants have but few branches, free from side buds, the whole strength of the plant being given to the development of the few very large and perfect flowers which are borne on extra long stems. We offer two colors only for this season.

Early Branching White, packet, 15 cents; two for 25 cents.

Early Branching Rose, packet, 15 cents; two for 25 cents.

VICK'S EARLY BRANCHING ASTER (NOVELTY 1908)

Vick's Late Branching

This magnificent Aster still reigns supreme. It is as well known among European as American growers, and every up-to-date florist has a fine display in his show windows just before the Chrysanthemum comes in,—in fact it is often mistaken for the Chrysanthemum, which it very much resembles. It begins blooming about August 15th and continues throughout the season. The flowers are of extraordinary size, and are borne on long, graceful stems from fifteen to twenty inches in length. The plants are extra large and of strong growth, one plant often covering a space of two and one-half feet square. It is unexcelled for cutting, and is by far the most satisfactory late Aster grown. The time of blooming can of course be regulated to some extent by sowing the seed in the house in March or April.

Snowy-White, Pink, Rose, Crimson, Purple, Dark Violet, Lavender, each 10
One packet each of the seven colors for 50
Above colors mixed 10

Vick's Branching Aster Rosy Carmine

This new and distinct color in the Branching Aster family possesses all the good qualities of its parent. In our opinion, it is one of the best colors for cutting we have ever introduced. The time of blooming is close to that of the other branching Asters, while the size and beauty of the flower fully sustains the high reputation of the family. A vase on the table will light up the whole surroundings, or in a window will attract the attention of every lover of a beautiful flower. **Packet, 25 cents. Two for 40 cents**

Semple's Pink Branching

The flowers are very large and the color is an exquisite shade of bright pink. Stems long and stiff.

Packet, 10 cents.

Branching Aster Collection—White, Pink, Rose, Crimson, Purple, Dark Violet, Lavender, one packet, each color, 50 cents, postpaid

Vick's Mikado Pink

The Premier of the Pink Asters
A Novelty of Sterling Worth

NOT since we brought out Vick's Violet King have we introduced an Aster of such pleasing color as we have in this new large flowering VICK'S MIKADO PINK. Petals are narrow, very long, and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of pink, being a happy medium between the color of Vick's Branching Pink and Semple's Pink. For a mid-season pink this Aster is without a rival. The plants are unusually vigorous, succeeding abundantly this past season in spite of severe droughts. It is not uncommon to find plants with a dozen long, strong, graceful stems, each crowned with flowers from four and a half to six inches in diameter. The flower photographed was over six and a half inches. It is our belief that under favorable circumstances this variety can be made to grow flowers seven and a half inches in diameter, with stems two feet or more in length. **Per Packet, 25 cents.**

Vick's Comet Asters

ASTER, VICK'S MIKADO

Vick's Mikado

A novelty of sterling merit. The flowers of this beautiful white variety are immense, measuring four and a half to five inches in diameter, with curled and twisted petals, resembling huge Chrysanthemums, and are borne on long, stiff stems. The blooming season is most opportune, coming between the Extra Earlies and the late Branching sorts, thus enabling the Aster grower to have a fine display from mid-summer till heavy frosts. Plants grow from eighteen inches to two feet high.

Three colors—White, Rose, New Pink, each 25 cents.
The two Mikados—White and Rose, for 40 cents.
Three Mikados—The New Pink, White, and Rose, for 65 cents.

For description and illustration of Vick's Mikado Pink see page 42.

Empress Frederick

This superb variety grows from fifteen to eighteen inches high, bearing pure white flowers, from four to five inches across, of a perfect comet shape The plant is very sturdy and vigorous in growth, making it an ideal sort for pot culture.

Packet, 15 cents; two for 25 cents.

Giant Comet

A superb class, differing from others in its long, wavy, twisted florets, which are formed into a head three and one-half to four and one-half inches across. One of the most perfect of Asters, and should be included in every collection.

Separate colors, white, rose, crimson, light yellow, lilac and white, dark violet, rose and white, light blue, light blue and white, azure blue and white, white passing to light blue; the Bride, white passing to rose; any three for 25 cents; each 10
Mixed colors 10

Hohenzollern

An Aster of the large-flowering, branching Comet type. Flowers four to six inches across. Two colors—rose and white. **Packet, 20 cents; two for 35 cents.**

Vick's Branching Aster Collection

White, Pink, Rose, Crimson, Purple, Lavender, Dark Violet.
Packet, 10 cents; one packet each of seven colors, 50 cents, postpaid. **See page 41.**

VICK'S EARLY SNOWDRIFT

Is Certainly the Earliest Aster in Cultivation

Being a few days in advance of Queen of the Earlies. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. The type now is well established, the flowers all coming perfectly double. **Packet, 20 cents. Two for 35 cents**

VICK'S ROYAL PURPLE

A new strain of Vick's Late Branching Aster, growing about fifteen inches high. Its habit of growth is entirely distinct, the stems growing directly from the ground, and not on side shoots from the main stem like other varieties. Nine out of twelve flowers are sufficiently large for cutting, either for house decoration or florists use. A medium early bloomer, continuing in flower until late in the fall; in fact it holds its blooms longer than any other variety we know of. The flowers are large and full to the center; petals fine and somewhat incurved; color bright purple. We confidently recommend it, believing it will please our aster loving friends. **Packet, 20 cents; two for 35 cents.**

VICK'S CARDINAL

The best bedding Aster ever introduced. The coloring of this Aster is entirely distinct from any other Aster on the market today; in fact it possesses a striking color of its own. Cardinal is the nearest we can come to it. This variety is particularly adapted for bedding, owing to its free blooming qualities, and brilliant coloring. When massed in a bed, its deep vivid cardinal color *is as striking as the brilliant scarlet Salvia.* Vick's Cardinal begins blooming the first to middle of August, retaining its brilliant coloring and full, well-developed flowers until late in the fall. **Packet, 25 cents; two for 40 cents.**

VICK'S WHITE UPRIGHT

Flowers similar in size and shape to Vick's Violet Upright Aster, but the color is a clear white, and like its sister is particularly useful for cutting. **Packet 20 cents; two for 35 cents.**

Vick's Lavender Gem

The color is the most beautiful ever seen in the Aster. When first opened the flower is an exquisite lavender, deepening with age. The flower is always full double, showing no tendency to produce single or semi-double blooms. The feathery effect of the Ostrich-feathered type, to which it belongs, is enhanced by the fact that it bears a large proportion of long, partly tubular florets, that are irregularly cut and slashed, so that the flower looks like a ragged Chrisanthemum. The plant is erect and of medium height, branching close to the ground. The flowers are borne in profusion on long slender, wiry stems. In season it comes between Queen of the Earlies and Vick's Daybreak, and is therefore classed with the early sorts. To the florist the value of Vick's Lavender Gem can scarcely be overestimated. **Packet, 20 cents; two for 35 cents.**

Vick Quality Aster Collection

Six of Vick's latest introductions in the Aster world, including "Early White Branching" and novelties of this year.

Early White Branching	15	Vick's Cardinal	25
Vick's Mikado Rose	25	Vick's Lavender Gem	20
Vick's Violet King	15	Vick's Imperial Lavender	25

How to Grow Asters 10

Collection of six of the latest introductions, and "How to Grow Asters," (retail price $1.35) for $1.00, postpaid.

VICK'S IMPERIAL ASTERS

Vick's Daybreak

This beautiful Aster is one of those rare gems that have come to stay; no private garden is complete without it and for florist's use it is unsurpassed. The flowers are round as a ball, very large and full, on long stems; the color a lovely sea-shell pink. The plant flowers very early, and is a continuous free bloomer, a compact strong grower, and in all respects a desirable addition.

Packet, 10 cents.

Vick's Sunset

A new color in the Imperial class, an extremely delicate shade of light pink, shading to a deep rich pink in the center, making a most charming addition to this valuable class, not only on account of the color, but the time of blooming, which is several days earlier than Daybreak. The habit of the plant is identical with Daybreak and Purity, while the magnificent globe-shaped flowers are borne on long stems, and in the greatest profuson.

Packet, 25 cents; two for 40 cents.

Imperial Lavender

Vick's Daybreak and Vick's Purity are known wherever good Asters are grown. Vick's Imperial Sunset and Vick's Imperial Sunrise are recent introductions. Our last, here offered for the first time, Vick's Imperial Lavender or Lavender Daybreak is an extra fine flower of the Daybreak type, with a delicate lavender color. **Packet, 25 cents; two for 40 cents.**

Vick's Sunrise

A novelty in the highest sense of the word—in color, in form of flower, and habit of growth. It is a seedling from the popular and well known Vick's Daybreak, but distinct in form of flower. The flowers are about four inches in diameter and oval in form, each petal perfectly quilled and the most delicate pink color, a shade entirely new and distinct in the Aster family. The plant resembles the Daybreak, is a strong, robust grower, producing upright branches, each one of which is crowned with a magnificent flower. We take great pride in our high-class Asters. In fact, in case of our new Sunrise we have allowed the quality of the flower to take precedence over seeding; in the nine years of selecting and perfecting this variety, last year was the first time the plants produced sufficient seed to enable us to offer it. The seed from the same number of plants in the summer of 1908 was so small that were it not for the fact that it is illustrated on page 40 of this catalogue we would reserve it for another season. **Packet, 50 cents.**

Vick's Purity

is the handmaid to Vick's Daybreak, being identical with it in form and habit, but the blooms are pure white. A finer combination of color cannot well be imagined than the massing together of these two beauties, either in bouquet groups or for decorative design. The plant is an early free bloomer, like its companion.

Packet, 15 cents; two for 25 cents.

VICK'S VIOLET KING

The peer of the grandest Chrysanthemum. To Appreciate this Unique Aster it must be seen

When introducing **Vick's Violet King** in 1906, we anticipated for it a leading place in the Aster family, but we had no idea it would become the most popular of our long list of introductions, but such is the fact. More seed of this variety is planted each year than of any other in our list. Another season's cultivation and selection on our seed farm has tended to improve both the quality and size of flower; and it blooms so evenly, the flowers have such lasting qualities, and continue so late in the season; in fact it is a veritable garden gem. The habit of **Vick's Violet King** is similar to the popular Vick's Branching, vigorous in growth, with long stiff stems, and luxuriant foliage of richest green. In form the flower is **entirely distinct**, petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being fantastically twisted, curled and incurved, completely covering the crown. The bloom is round, full and very large, many of the **Flowers measuring from Four to Five inches in diameter.**

Its color is a soft violet-lilac. This Aster is easily the peer of the grandest Chrysanthemum, with all the advantages in favor of the Aster, especially its ease of culture, since no greenhouse is required, and its continuous and prolific blooming during the summer and early fall.

Packet, 15 cents. Two for 25 cents.

A

HOW TO GROW ASTERS— *A Manual on Asters:*

A BOOKLET prompted by the questions asked by customers and others in reference to Aster culture. Not a scientific work, but *practical instructions* for the amateur as well as the florist. A summary of our experience in growing Asters from sowing the seed to maturity, including a chapter on *Aster Insects and Diseases and their remedies.* Contains much information of value to Aster growers. **Price, 10 cents,** or **free** with an order for 25 cents' worth of Vick's Aster seed.

BALL OR JEWEL

A beautiful class, selected from the well-known Peony Perfection race, somewhat dwarfer in habit than the latter, with shorter florets; flowers round as a ball. Mixed 10

BOLTZE'S DWARF BOUQUET

Each plant looks like a bouquet of flowers. Fine for edgings or small beds. About twelve different colors mixed 10

CHRYSANTHEMUM-FLOWERED

A desirable class, one foot high. Late, and valuable on this account, as well as for its great beauty. Mixed colors, or white, rose, fiery scarlet, light blue, each 10

COCARDEAU, OR CROWN

Two-colored blooms, the central florets pure white, sometimes small and quilled, surrounded with large flat florets of a bright color. Plant eighteen inches high. Mixed colors 10

LADY ASTER

The distinguishing features of this Aster are its profusion of bloom and the distinctness of its foliage. The leaves are long and narrow, light green in color. The plant is light and graceful in habit, and bears from forty to sixty buds, which develop gradually, affording a prolonged season of bloom. The small flowers are very double, semi-globular, about an inch and a half in diameter, produced on slender stiff stems, and are excellent for floral design work. Mixed colors 10

LARGE-FLOWERED ROSE

One of the very best. Two feet in height; robust. Flowers large, finely imbricated, and of great substance. Mixed colors 10

OSTRICH PLUME

A class with pure white and rose-colored flowers similar to Giant Comet, but with longer petals and the plants more free-blooming. Each color . . 10

QUILLED GERMAN

A showy class, from one and a half to two feet high, with quilled flowers and branching habit. Mixed colors 5

QUEEN OF THE EARLIES, or Earliest Paris

An improved strain of our own growing; fully three weeks earlier than any other variety. Should be cultivated by every up-to-date grower . . . 10

QUEEN OF THE MARKET

This variety is two weeks earlier than most other sorts. Plants dwarf and branching; flowers quite double; valuable for cutting. White, flesh, light-rose, rose, crimson, light blue, dark blue, and all colors mixed; each 10

TRUFFAUT'S PEONY-FLOWERED PERFECTION

A standard Aster, two feet in height, blooming very freely; the flowers are large, very double, peony-like, the florets mostly incurved. The colors range from pure white to light blue, violet, crimson, rose, and scarlet, each 10

Amethyst. A superb new color in the Peony-flowered race. Flowers white at first, changing with age to a beautiful amethyst 10

Mixed colors 10

VICTORIA

One of the finest. Two feet high; habit pyramidal; flowers large; having, with one or two exceptions, the greatest range of colors of any of the Asters.

White.	Peach-blossom.	Crimson.	Light Blue.
Light Yellow.	Rose and White.	Dark Crimson.	Dark Blue and White
Apple-blossom.	Carmine Rose.	Dark Scarlet.	Violet.

One packet each of the above twelve varieties 85 cts.

Separate colors, each 10

Mixed colors 10

DWARF VICTORIA

The finest class of Half-Dwarf Asters, and the best for pots. For size, color, and profusion of bloom it is unsurpassed. Mixed colors, or dark scarlet, white, rose, dark crimson, light blue, rosy lilac, apple-blossom, peach-blossom; each 10

MIXED ASTERS

Tall varieties mixed, ounce, $1.50 5

Dwarf varieties mixed, ounce, $1.50 5

AGERATUM

The Ageratum is interesting on account of its neat, bushy habit, and its pretty, brush-like flowers, which are produced in clusters constantly all through the summer. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. Annual.

Grandiflorum album. A large-flowering pure white variety. The plant is of medium height and vigorous growth, and has luxuriant green foliage, above which the relatively large flowers of beautiful shape are gracefully upheld by long stalks 5
Conspicuum. Fine white, 18 inches 5
Lasseauxii. Compact plant; flowers pink; 18 inches 5
Swanley Blue. A fine, large-flowering dwarf variety; flowers deep blue . . 5
Little Dorrit. Six inches high and one foot through, covered with a mass of azure blue flowers 5
Little Dorrit White. Same as above, except in color of flower 5
Blue Perfection. A new and splendid dwarf dark blue bedding variety, the darkest of all blue Ageratums that can be grown from seed 5
Princess Victoria Louise. A beautiful Tom Thumb variety, differing from all others by its beautifully colored flowers, being bright blue, with white center, the contrast being really exquisite 5
Mixed varieties 5

ANTIRRHINUM Snapdragon

These showy, half-hardy perennials are usually treated as annuals. They grow two to three feet high, and are covered with bloom. They are easily raised from seed sown early in spring in warm dry soil. If the plants are not weakened by blooming too much the first year, they will stand over winter. In poor dry soil they bloom best and last longest. To produce good flowering branches for the second season, cut back a number of the branches in midsummer about one-half or two-thirds; then new shoots will start out, which will be ready to bloom the following season.

New Giant-Flowered. Fine flowers, double the size of ordinary sorts, of a rich velvety texture. **Bright Crimson; Brilliant; Chamois; Deep Scarlet; Firefly; Galathe; Yellow; Rose; Striped; White;** each 10
One packet each of the above ten varieties for 35 cents.
Extra Fine Giant-flowered Mixed 10
Fine Mixed 5
Queen Victoria. Very large, pure white, superb 10
Tom Thumb. Very pretty dwarf plants, about six inches high, and of the usual colors described above. Mixed colors 5

AQUILEGIA

Aquilegias are probably known better as Columbines. Thrive well with ordinary garden culture, but are quite at home under the spray of a fountain or by the water side. The plants are perfectly hardy and form large clumps from one to two feet in diameter, and produce a large number of flowers early in spring. Seeds may be sown in open ground. Plants can be increased by division of root. Perennial.

Canadensis. Our native scarlet and yellow Columbine 5
Carnation or Striped. White, with red stripes; double. Eighteen inches 10
Chrysantha. A beautiful, large-flowered, canary-yellow variety. Excellent. Three feet 5
Skinneri. Very beautiful. Colors scarlet and yellow. Two feet . . . 10
Cœrulea. (Rocky Mountain Columbine). Flowers large; sky-blue and white. Superb 10
Glandulosa (major). Dark blue, very fine 5
Glandulosa vera. Large, erect, dark blue flowers; pure white corolla. 10
New Large-Flowering Hybrids. Large yellow, with orange spurs . . 10
Sulphur yellow, with blue spurs 10
Nivea grandiflora. Large white, semi-double flowers 5
Mixed varieties, single or double, each 5

BRACHYCOME—Swan River Daisy. A charming flower in white and blue varieties. Fine for cutting, and the neat slender foliage is well adapted for bouquet making. The plants grow about twelve inches in height and bloom freely. Blue, white, or mixed, each 5

SWEET ALYSSUM

ALYSSUM

These small white flowers are delicately fragrant and valuable for cutting. It is a good basket and pot plant, and valuable for carpet bedding. In the border sow thickly, so as to make a mass. It is desirable to sow the seeds early in spring, or even in the previous autumn. To prepare a basket for winter blooming, sow the seeds about the last of August. If the plants come up thickly, thin them out; a dozen plants are enough for a good-sized basket. When out of bloom cut back, and they will produce another crop of flowers.

Sweet. Hardy annual. Flowers small and sweet. Ounce, 25 cents . . . 5
Benthami compactum (Little Gem). A dwarf, compact, annual variety, not over six inches high, bearing its pure white fragrant flowers in the greatest profusion during the entire summer. Ounce, 50 cents 5
Carpet of Snow. Only two or three inches high. A profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant. Annual 10
Saxatile compactum. Perennial, ten inches high, compact habit, golden yellow flowers. The popular name is Gold Dust 5

AMARANTUS

These are plants which are striking on account of their foliage or peculiar mode of bloom. In rich ground the plants and leaves are of large size, but the coloring is apt to be less bright. The seed can be sown in the house, in a hotbed, a coldframe, or in a seedbed in the garden, and the plants transplanted into place; or the seeds can be sown where the plants are to stand, if the soil is fine and the spots protected. They should be given sufficient space to develop on all sides. Fine in borders of tall plants, or for center of large beds. Annual.

Atropurpureus. A fine variety with blood-red foliage and racemes of flowers in erect masses. 5
Caudatus (Love Lies Bleeding.) Long drooping "chains" of flowers. Pretty for decorating. Three feet high 5
Henderi. Foliage beautifully variegated. Two feet 5
Sunrise. The most brilliant of the family. Top of plant brilliant crimson, the lower leaves dark maroon. Four feet. 10
Tricolor (Joseph's Coat). Red, yellow, and green foliage. Two feet . 5
All varieties mixed 5

BALLOON VINE—Cardiospermum, Love-in-a-Puff. A rapid-growing summer climber, with small white flowers, followed by curious inflated seed-vessels. Sometimes grown in pots on verandas, etc. Annual 5

BALSAM

The garden Balsam, or Lady's Slipper, is one of the most beautiful and most popular of our tender annuals. The seed should be sown in the house, or in a warm, sheltered spot in light soil in the garden, after the ground has become warm. When plants are an inch or two high, transplant the seedlings four or five inches apart, so that they may have light and air on all sides, and by the time they are about four inches high transplant to their permanent place. Set the plants at least a foot apart, in well enriched soil. Two feet high.

Improved Camellia-flowered, New White Perfection 10
Improved Camellia-flowered. The flowers are very large, and extra double. A superb strain. Mixed colors 10
Camellia-flowered Deep Blood Red. Very double. Extra fine . . . 10
Camellia-flowered White. Double 10
Camellia-flowered Spotted. Very double flower, spotted with white. Mixed colors 10
Camellia or Rose-flowered. Very double. Perfect form. Mixed colors 10
Carnation. Double; striped like the Carnation 10
Solferino. White, striped and spotted with red 10
Common Double. Occasionally only semi-double. Ounce 40 cents . . 5

This set of four,—Camellia-flowered White, Deep Blood Red, Spotted, and Carnation Striped,—for 30 cents.

CANNA

The Cannas are perennials, but will bloom the first year if seed be sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's New Hybrids. These Cannas are the most gorgeous bedding plants we have. Most of them are dwarf in habit, early bloomers, and remarkable both for beauty and size of flower and foliage. If seeds be sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and kept like Dahlias and re-planted the following spring. Mixed varieties 10
Madame Crozy. Brilliant vermilion-scarlet, bordered with deep golden yellow 10
Alphonse Bouvier. Brilliant crimson, foliage green 10
President Faivre. Fine dwarf, dark-leaved variety 10
Queen Charlotte. Crimson-scarlet, bordered with gold. 10
Jules Cretien. Yellow, splashed with orange. 10
Mixed Tall Varieties of the old types. Among these are many fine colors not represented in the newer sorts. Ounce, 20 cents 5
Dark-leaved varieties mixed, ounce 40 cents 10

CHRYSANTHEMUMS

The glorious and showy autumn-blooming Chrysanthemums, so much admired and cultivated, have their relatives among summer annuals, which are easily raised from seed. They are free-blooming, showy border plants, and the flowers are very desirable for cutting. Seeds can be sown in the open seedbed, or where the plants are to stand, provided the plants are thinned out to eight or twelve inches apart. A little shade, or shade in the after part of the day, is desirable for them. Pinch them back until July 15th, to make them grow branching and stocky.

ANNUAL VARIETIES

Golden Feather. Plants semi-dwarf, with yellow foliage. Mixed colors 5
Single varieties. Mixed colors 5
Double White, Double Yellow, and **Double Mixed,** each 5

PERENNIAL VARIETIES

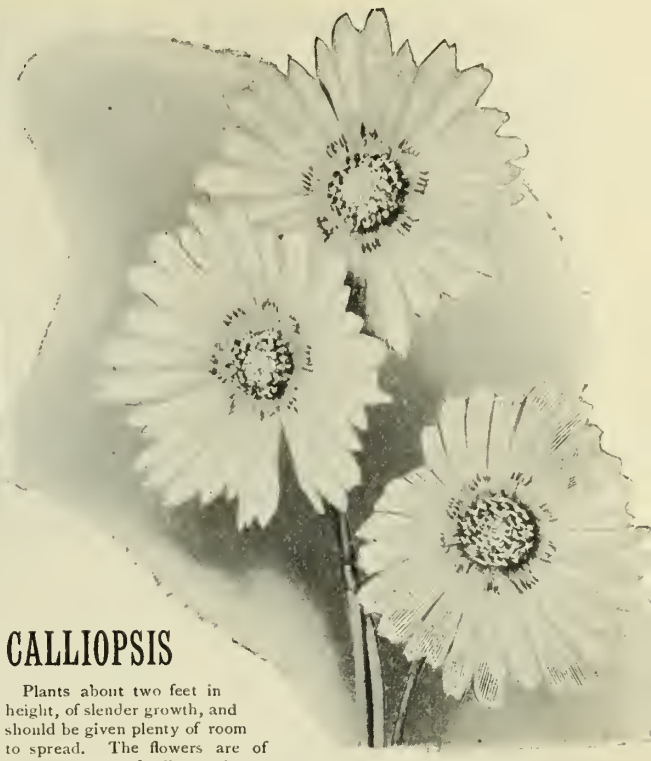
Seed of Perennial Chrysanthemums should be sown in February or March, in the house. If slightly covered, and placed in a warm temperature, they will soon germinate. If the seedlings are pricked off at once into pots and placed near the glass, good plants will soon be obtained. By the middle of May they may be planted out of doors. For after treatment see Plant Department.

Marguerite, or Paris Daisy. Elegant bushy plant, one to two feet high. Blooms all summer in the garden, and fine for winter flowering. Flowers white, star-shaped 10
Greenhouse varieties. Mixed seeds selected from a choice collection . 25

ADONIS—Pheasant's Eye

Æstivalis. Flos Adonis, or Pheasant's Eye, has finely-cut foliage and brilliant scarlet flowers. It will do well in partial shade, and may be used to advantage in any corner of the garden. Twelve to eighteen inches in height. It blooms in early summer. Annual. 5
Vernalis. A handsome perennial border plant, about a foot in height. Prefers a light soil. Flowers yellow 5

BARTONIA AUREA—Golden Bartonia. Its large and exceedingly brilliant glossy yellow blossoms are borne well above its gray thistle-like foliage, and are produced in great profusion all summer, and remain in perfection until destroyed by severe frost in autumn. Light frosts do not affect it. Fine for masses or as single plants in borders. Seed should be sown where the plants are to stand, as it does not bear transplanting. Annual. Two feet . 5



COREOPSIS

CALLIOPSIS

Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. Annual.

Coronata. Plants compact and of a bright rich green. Blooms early and continues until late fall. Flowers golden yellow, about the size of a silver dollar 5
Drummondii (Golden Wave). Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center 5
Dwarf Varieties Mixed 5
Tall Varieties Mixed 5

TOM THUMB VARIETIES.

The Tom Thumb varieties are admirable for edgings or pots.

Golden King. Fine for cutting. 5 **Bicolor.** Yellow, dark brown center 5
Atrosanguinea. Dark crimson 5 **Tom Thumb Varieties Mixed** . 5

COREOPSIS

Grandiflora. One of the best hardy perennials. Very free-flowering. The large, showy, golden yellow flowers are borne on long stems, and will last a week or more when cut, making them very desirable for that purpose. Will grow anywhere. Two to three feet 10
Lanceolata. Similar to the above. Used extensively for cut flowers . . 10

COBŒA SCANDENS

One of the most beautiful annual climbers, of rapid growth, with fine foliage; flowers bell-shaped, almost 1½ inches across and two inches long. In good soil the stems often grow twenty or thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth *edge down*, and merely cover with light soil. Do not water until the plants appear, unless the soil is very dry.

Purple . . . . . 10 **White** 10

ASPERULA

Azurea setosa. A charming, profuse blooming hardy little annual, bearing clusters of fragrant sky-blue flowers, admirably adapted for bouquet making. One foot 5
Odorata. A perennial of delightful fragrance; it is the Mayflower of the Germans, being used in their Maitrank or May wine. The flowers are pure white, and the whole plant is often dried and preserved for its perfume. If kept among clothes it imparts an agreeable odor to them. Six inches . 5

CAMPANULA

The well-known popular, large bell-shaped flower, known everywhere as Canterbury Bell, is a biennial Campanula. There are double varieties of every color, but, though curious, are not really as beautiful as the old single bell; they lose that light transparent grace that is so attractive in a flower.

Medium (Canterbury Bell). Flowers large. Plants two feet high. Biennial.

Single varieties mixed 5

Double varieties mixed 5

Calycanthema (Cup and Saucer.) Beautiful flowers, three inches long, saucer three inches across. Plants form pyramids of bloom about two feet high, and frequently bear 150 blossoms for weeks during the early summer. 5

Carpatica. Hardy perennial, six inches high, blooming the whole season. White and blue, mixed 5

Pyramidalis. A grand hardy perennial species, known as the Chimney Bellflower. Plants three feet high, of pyramidal form, bearing hundreds of beautiful cup-shaped flowers. Suitable for the garden or pots. Blue and white, mixed 5

Grandiflora (Platycodon). Hardy perennial, producing large broad bell-shaped, showy, deep blue flowers, during the whole season. Very desirable for planting in permanent borders or among shrubbery. . . . 10

CANDYTUFT

Candytufts have long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich and when blooming time comes keep the plants well watered, especially if it be a dry time.

Purple, White Rocket, Sweet-scented, Flesh, Extra Dark Crimson, each, ounce, 30 cents. 5

New Carmine. True to color 10

One packet each of the above six varieties for 25 cents.

Mixed colors of above six varieties, ounce, 20 cents 5

Empress. A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers, on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. Ounce, 50 cents 10

Dwarf Hybrids. Six inches high, bloom the entire season, fine for edgings. Mixed colors 10

CANDYTUFT, HARDY

Handsome, hardy perennial plants, well adapted for permanent borders or clumps. Valuable for early decorating.

Iberis sempervirens. White, one foot. 10

Gibraltarica. Large, showy flowers; lilac, shading to white. One to two feet in height 10

COCKSCOMB—CELOSIA

Celosias are interesting and brilliant annuals, and when well grown from seed of good quality never fail to please the grower and attract attention. There are two desirable forms of the Celosia, the Cockscomb and the Feathered. There are several colors, red, orange, and yellow, but the bright reds are the best. These combs are often grown a foot or more across the top.

COCKSCOMB.

Crimson Giant. One of the largest and brightest Cockscombs. 10

Glasgow Prize. Fine dwarf. Dark leaves and crimson comb 10

All-a-Glow. A magnificent large-headed dwarf Cockscomb. Ruffled combs, scarlet edged, with depths of glowing orange-scarlet 25

Dwarf varieties mixed 10

Tall varieties mixed 5

FEATHERED CELOSIA

The Feathered Celosias have feathery plumes of great size and beauty. The following are the best of this class in cultivation, and come true from seed.

Superba plumosa. Superb feathered, bright crimson 5

Thompson's Superb Feathered. Splendid. One of the best of the late introductions 10

Golden Plume. Bright golden yellow. Habit pyramidal 5

Mixed colors 5

CATCHFLY. Silene Armeria. A bright-colored, free-flowering annual, grown largely for spring flower-gardening. Suitable for rock-work or open border. Succeeds in a light, loamy soil. Red, white, and rose, mixed. 5

NEW GIANT FLOWERING COSMOS LADY LENOX

COSMOS

A strong grower, having elegant foliage, and for fall blooming has no superior. Seed sown in the house or hotbed in March or early in April, and the young seedlings transplanted to the open ground as soon as the weather is warm, will produce plants three to five feet high by September, which thereafter, and until November, will yield hundreds of blossoms three inches across. The flowers are of various shades from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. Annual.

Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and over-lapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts. The foliage is one mass of feathery emerald green. If grown in pots and housed by the end of September, they will flower all winter. Pure White, Pink, Crimson, each 10

Mammoth Perfection Mixed. . 10 **Fine Mixed** 5

Dawn, New Early Dwarf, Large-Flowering. More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white, with a tinge of rose. *They commence to bloom in July* and last until frost 10

Giant-Flowering Cosmos Lady Lenox. This gigantic Cosmos is six to seven inches in diameter. Color shell pink, lighting up beautifully at night. When cut and placed in water it lasts a long time. Plants strong and vigorous, growing six to seven feet high. Two packets for 25 cents 15

CYPRESS VINE

Ipomœa Quamoclit. This delicate and symmetrical climber, with its dark green feathery foliage, is one of the most graceful and beautiful of garden vines. For training upon a light trellis it is unexcelled. Its scarlet or white flowers are produced in profusion, and its finely-cut foliage is well adapted to ornamental work. When plants are set in rich soil, where they are to grow, they will reach a height of ten feet; or, if planted thick, they will soon make a screen of the most exquisite foliage and flowers. Soak the seeds over night in warm water before sowing. Scarlet, White, or mixed, each, per ounce, 25 cents. 5

ALLEGHENY VINE

Adlumia cirrhosa. Sometimes called Wood Fringe, Mountain Fringe, or Climbing Fumitory. This graceful hardy climber deserves a place in every garden. Its delicate feathery foliage somewhat resembles that of the Maiden-Hair Fern, and its panicles of drooping flesh-colored flowers completely cover the plant. For covering trellises, tree stumps, etc., it is very desirable. It is biennial, but re-sows itself, and when once established will remain for years. Sow seed in the spring, in a cool damp place, and transplant in autumn. 10

LARGE-FLOWERED SWEET SULTANS

ESCHSCHOLTZIA

California Poppy. This is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom.

Cross of Malta. Foliage silver-gray; flowers bright yellow, with a broad, dark orange cross in the shape of the Cross of Malta. 5
Mandarin. Inner side of petals a rich orange, the outside scarlet-orange . 5
Golden West. A beautiful variety; color light orange-yellow 10
Californica canaliculata rosea. A beautiful novelty. The rosy petals are delicately fluted with tiny folds radiating from the center, and richly adorned with a soft primrose-yellow hue 10
Rose Cardinal. A charming variety, producing freely large intense carmine flowers 10

One packet each of the three finest varieties, Golden West, Californica canaliculata rosea, and Rose Cardinal, 25 cents.

Orange, Yellow, and White, single, separate colors, each 5
Single varieties mixed 5
Double Orange, and Double White, each 5
Double varieties mixed 5

CENTAUREA

The following Centaureas are perfectly hardy annuals, of easy culture, and are general favorites both for the garden and for cut-flowers. Seed should be sown early where plants are desired to bloom. Plants should stand one foot or more apart each way.

Cyanus (Bachelor's Button, Corn Bottle, and Ragged Sailor, known in Germany as the Kaiser Blumen and Corn Flower). Blooms in almost any situation. Eighteen inches to two feet. Various colors mixed 5
Emperor William. Fine dark blue. 5
Pure White 5
Victoria Dwarf Compact. A charming miniature variety. Fine for pots and edgings 10

Americana. Lilac-purple. The largest flowering of the Centaureas. Plants two feet high. Flowers sometimes four inches in diameter; handsome 10

Suaveolens. (Yellow Sweet Sultan). Bright sulphur yellow; very fragrant. Blooms all summer. Splendid for bouquets. Eighteen inches 5

LARGE-FLOWERING SWEET SULTANS

These mammoth varieties are great improvements on the old Sweet Sultans. They are as easily cultivated, and succeed everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for bouquets, vases, etc. They will keep in good condition a week after being cut.

Imperialis A strain of Giant-flowering Sweet Sultan; the finest of all for cut flowers. Blooms continuously from summer till autumn. The flowers are of various colors, from glistening white, through shades of pink, lilac, crimson, and violet, to purple. Very fragrant. Plant vigorous, nearly four feet high, and covered with enormous flowers on very long stems. Mixed colors. 10
Odorata. Light blue. Two feet in height. 10
Chameleon. Sulphur-yellow, changing to creamy white, and again to pink. Two feet 10
Margueritæ. Pure satin white. Two feet 10

SILVER-LEAVED CENTAUREAS—DUSTY MILLERS.

These are white-leaved perennial varieties, much used for ribbon-borders and edgings of beds, not being allowed to bloom. Succeed anywhere.

Candidissima. Entire plant silvery-white. Leaves much divided. Flowers purple. 10
Clementei. Entire plant densely white-woolly. Leaves broadly cut. Flowers yellow. 10
Gymnocarpa. Whole plant velvety-white. Leaves silver-gray, finely divided. Flowers rose-violet. 10

Eschscholtzia
California
Poppy

Remember We pay the Postage or Express Charges, unless otherwise noted. ¶ Most seedsmen require *you* to pay these items.

DIANTHUS or GARDEN PINKS

Chinese and Japanese Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seeds can be sown under glass in the spring, or in an open, sheltered bed. The young plants are easily transplanted, and should be set from eight to twelve inches apart. Bloom the first summer, and also the second if the flowers are freely picked during the season, and the plants are protected in the winter.

CHINESE OR INDIAN PINK.

Best double varieties mixed, ounce, 50 cents 5

DOUBLE IMPERIAL PINK.

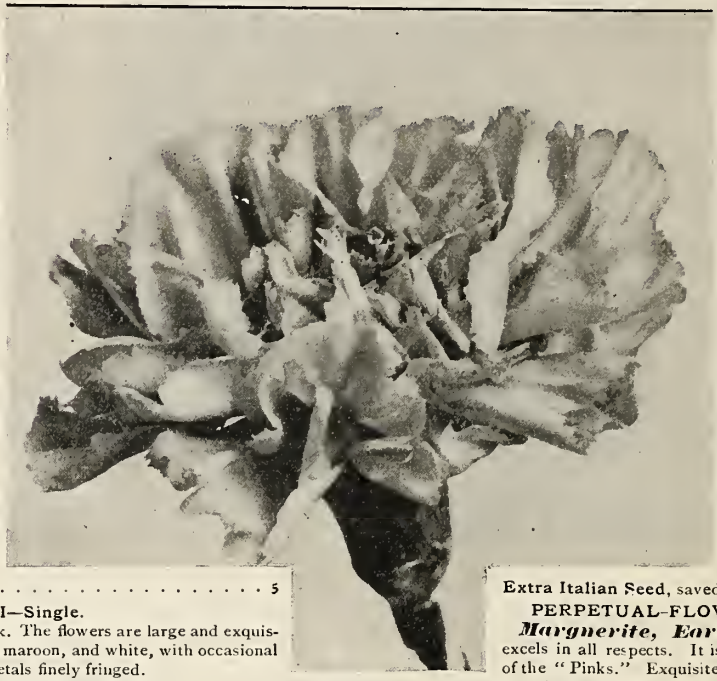
White and Red Striped; White and Purple Striped; Blood Red; White; each 5
Set of Four for 15 cents.

All Colors mixed 5

HEDDEWIGII—Single.

A beautiful strain of Japan Pink. The flowers are large and exquisitely colored in pink, rose, purple, maroon, and white, with occasional patterns of black and white; the petals finely fringed.

Crimson Belle. Brilliant dark red; very handsome 5
Eastern Queen. An exquisite rose color 5
All Colors mixed 5



LARGE-FLOWERING MARGUERITE

HEDDEWIGII—Double.

The rich color patterns are similiar to those of the single varieties, but the flowers are very double.

Mourning Cloak. Rich blackish crimson, tipped and fringed with snowy-white. Large and handsome 5
White. Large double flowers 5
Diadem Pink. One of the most marked of the Heddewigii varieties. Brilliant markings and dazzling colors. Mixed 5
All Colors mixed 5

LACINIATUS.

Flowers deeply fringed, both single and double, and of very choice colors.

Salmon Queen. A very distinct tint; the most brilliant salmon color imaginable, changing into a rosy salmon. Single and double mixed 10
Sanguineus, blood-red 5
Single, all Colors mixed 5
Double, all Colors mixed 5
Heddewigii and Laciniatus, both double and single, mixed 5
Special Mixture of above Annual Varieties 5 cents

My pansies last year grown from seed from Vick's was pronounced the finest display seen in this place.

MRS. A. M. CRANE, Minnesota.

CARNATION PINK

Seed may be sown under glass in the spring, or in the open ground, and the second summer the plants will flower. A succession of young plants should be procured, either from seeds or from layers, every year. Perennial.

Early-Flowering Dwarf Vienna. An excellent class for borders and other outdoor uses. Fine mixed 15
Pure White. Very fine . 15
Earliest French. (Chabaud Carnation.) Combines the perfection of flowers of the perpetuals with the earliness of the Marguerite 25
Grenadin. Double scarlet. Dwarf and compact. Early . 15
Extra Choice German Seed. Mixed varieties . . 20
Choicest, Picotee, with white ground 50
Choicest, Picotee, with yellow ground 50
Extra Italian Seed, saved from prize flowers only . . . 50

PERPETUAL-FLOWERING CARNATIONS.

Marguerite, Early-Flowering. This class excels in all respects. It is the most profuse bloomer of any of the "Pinks." Exquisite in color, showing beautiful shades in white, red, pink, variegated, etc. Large size, perfect form, dwarf habit, compact and robust; flowers in a few weeks from seed. They can be potted and taken into the house and will flower abundantly throughout the winter.

White, nearly true from seed. Extra fine 10
Mixed varieties, extra fine 10
New Giant Large-Flowering Marguerite or Malmaison. A new large-flowering strain, same as above Marguerites, but with flowers much larger.
Pure Yellow 25
Yellow Ground varieties 25
Mixed Varieties, splendid 25

HARDY PINKS

All of these varieties have large, brilliantly colored, and handsomely marked flowers. The plants are of easy culture, blooming freely and for a long time.

Dianthus plumarius, (Pheasant's Eye, or June Pink, sometimes called Grass Pink). Fine for massing. Closely related to the Carnation, but smaller flowers and more hardy. Flowers beautiful and fragrant. Perennial. Plants are hardy until they become old. It is best to keep a few young plants coming on. Single varieties mixed 5
Plumarius, Pheasant's Eye, or June Pink. Double 10
Cyclops Pink. New variety of Scotch Pink, producing an entirely new series of colors of exquisite beauty, enlivened by a large eye of velvety blood red. Has a sweet clove-like perfume. Single 10
Semperflorens. Florist's Perpetual Pink. Very sweet-scented, double and single flowers. Great diversity of colors 25

CALENDULA (Pot Marigold)

The well-known Pot Marigold, valued for flavoring soups and stews. Flowers are dried in fall and kept in paper bags for use. In mild climates this plant will bloom nearly all the year round, and make a fine show in the flower-garden. Seeds can be sown in early spring in open ground. Hardy annual. About one foot in height.

Double Sulphur. Flowers very large and double. Color light lemon-yellow 5
Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow 5
Orange Giant. The finest large-flowered orange. Very double 5
Pure Gold. Flowers golden yellow, extra large and very double 5
Prince of Orange. Fine orange. Double 5
Mixed Varieties 5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Three feet in height.

Wrightii. The best single variety; white, tinged with lilac, sweet-scented . 5
Double varieties mixed 5

DOUBLE DAISY

Sow the seed very early. The flowers are abundant in early spring, and may be continued later by the use of water. Plants can be removed safely even when in flower. Set about six inches apart in a cool border. Perennial.

Best German Seed, mixed colors 10
White. Constant 10
Longfellow. Large, rose-colored flowers 10
Snowball. Of all Daisies grown from seed this is decidedly the best. Unusually large, perfectly double and pure white, having long stiff stems . 15

DIGITALIS, or FOXGLOVE. A Beautiful and Useful Hardy Plant

THE GOURD FAMILY

The following plants are prized for their rapid growth and their odd-shaped and highly-colored fruits. They are very useful for covering arbors, old fences, stumps, etc.

Dish-rag, or Sponge. When ripe the inside resembles fibrous cloth, and is used for bathing, scouring, etc. 5
Balsam Apple and **Balsam Pear** have ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior. Each . . 5
Benincasa cerifera. Pretty wax gourd 5
Serpent Gourd 5
Abobra viridiflora. Beautiful climber, with delicate foliage, and oval, scarlet fruit. 5
Bryonopsis laciniosa. Foliage elegant; fruit scarlet, striped with white 5
Cucumis odoratissimus. Fruit orange-yellow, fragrant 5
Coccinea Indica. Handsome, glossy foliage, and scarlet fruit 5
Wild Cucumber. **Echinocystis lobata.** A fast-growing climber, running 30 feet in a season. White fragrant flowers, prickly seed pods. . . . 5
Momordica Elaterium. Squirting Cucumber 5

One packet of each of the above eleven varieties for 40 cents

The following are some of the most valuable of the common varieties The fruits, when allowed to ripen, can be kept for years.

Hercules' Club. Large, long, club-shaped 5
Pear-formed. Yellow and green cream striped 5
Gooseberry. Small, bright green 5
Egg-formed. Nest Egg Gourd 5
Orange. The well-known Mock Orange 5
Striped Apple. Small, yellow, beautifully striped 5
Calabash. The old-fashioned Dipper Gourd 5
Sugar-Trough, or Sap-bucket 5

One packet of each of the above eight varieties for 30 cents.

Mixed, per ounce, 30 cents 5

HOLLYHOCK

In situations suitable for tall flowers we know of nothing better than the Hollyhock; and yet the improved varieties do not grow very high—from four to six feet being about the range. New plants are obtained from seed and by dividing the root. Seeds sown in the summer will give plants that will endure winter. The plants may be protected during the winter with a little straw and evergreen boughs, or leaves. Biennial. See also Plant Department.

Hollyhock, Double. Very double and fine, from the best named collection in Europe. 10

New Fringed Mammoth Allegheny. This grand new flower is a decided improvement on the old-fashioned single Hollyhock. Flowers are single, semi-double, and double, fringed, seldom less than five inches and often seven inches across. Perpetual bloomer. Has from two to four buds where the old style has only one. All colors mixed. 10

DIGITALIS—Foxglove

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower-stems at least three feet in height. They are fine for the mixed border, or planted singly in half-shady places near a walk or drive. The racemes of flowers are often two feet in length, containing scores of the prettily-spotted thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden, and transplant as desired. Perennial. Mixed varieties . . 5

EUPHORBIA

Heterophylla. Known as "Fire on the Mountain," "Mexican Fire Plant," "Annual Poinsettia," and "Painted Leaf." A bushy plant two to three feet high, with highly ornamental leaves, which become flared with dark fiery scarlet, leaving only a small tip of green. Easy of cultivation, growing in places fully exposed to the sun, which brightens and hastens the coloring. It can also be grown in pots and then moved about at pleasure. Annual 5
Marginata. Two feet high; leaves light green and white-margined; called "Snow on the Mountain." Annual 5

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.

Queen Marguerite. Bears immense clusters of large, deep dark blue flowers, with an exceptionally rich and spicy perfume. 10
Dr. Livingston. Fine dark blue clusters 10
Louise Delaux. Rose-tinted flowers 10
White Lady. Large pure white flowers 10
Giant-flowered. Choicest mixed. 10
All varieties mixed 10

GYPSOPHILA

Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful, and easily cultivated. Should be in every garden. All flower the first season. G. paniculata continues to bloom several years.

Muralis. Beautiful, hardy annual; six inches high, forming a dense mass. Fine for edgings. Blooms profusely. Flowers pink. 5
Paniculata. (Baby's Breath). Perennial. White. Fine for cutting . . 5

Hunnemannia Fumariæfolia

Don't Fail to Save a Spot in the Garden for this Beautiful Flower

This most beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage, similar to that of the Eschscholtzia, and produces its large tulip-shaped flowers on long stiff stems, from August till November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Seed should be sown quite early in the spring, in shallow drills, where the plants are to bloom, as they do not stand transplanting 10

IPOMŒA

The Ipomœas are climbers of rapid growth. Succeed best if started in the hotbed and transplanted as soon as all danger of frost is past.

Bona Nox (Good Night or Evening Glory, Moon Flower). Flowers large, white 10
Giant Pink Hybrid. A new variety of marvelous growth. Seeds germinate quickly, and plants begin to bloom nearly as early as those of the Morning Glory. The soft lilac-pink flowers are produced abundantly all summer and fall. They remain open from about four o'clock in the afternoon until near noon of the next day. The vine branches freely, and the foliage is abundant 10
Grandiflora superba. Fine, large flowers, sky-blue, bordered with white 5

For other varieties of Ipomœa, see Cypress Vine and Morning Glory.

GAILLARDIA

Gaillardias, known as Blanket Flowers, are good bedding plants, being strong, constant bloomers, through the whole summer. Flowers large and showy, two to three inches across; fine for cutting, as they last a long time in water. Set plants twelve to eighteen inches apart. Half-hardy.

Picta Lorenziana. Fine double variety. Heads two inches in diameter. Annual 5

Aurora. Double. Red, tipped with yellow. Fine large flower 10

Grandiflora. Perennial. Very large and brilliant flowers of richest colors; crimson, scarlet, orange, and yellow; excellent for cutting. Mixed colors 10

Mixed single annual varieties 5

ICE PLANT

Mesembryanthemum crystallinum. A pretty, half-hardy annual, with delicate, succulent, almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work, and rockeries. Prized for its singular foliage 5

LOBELIA

Exceedingly useful plants for edging of flower beds, their free-blooming qualities and brilliant shades of blue to white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are also elegant for hanging baskets, pot culture, etc. All are annuals except L. cardinalis, which is a hardy perennial.

Cardinalis. Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms first year if well started with heat 10

Barnard's Perpetual. This is the finest Lobelia ever introduced. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. The best for edging and carpet-bedding 10

Emperor William. Light blue; compact; very fine 10

Erinus erecta compacta. Deep rich blue 10

Erinus erecta alba. White 10

Prima Donna. Dwarf, compact. Velvety maroon flowers 10

White Gem. Forms a ball of snow-white flowers 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Erinus speciosa (Crystal Palace). Dark blue; very fine 10

Hybrida grandiflora. Large, dark blue flowers, white eye 10

One packet of each of the above twelve varieties for 75 cents.

Mixed varieties, for baskets, etc 10

GAILLARDIA GRANDIFLORA

KOCHIA TRICOPHILA

KOCHIA TRICOPHILA

TRUE SUMMER CYPRESS

Makes a Beautiful Specimen Plant, or Grown in Hedge Form is most attractive May also be trimmed to any shape or form

Although this is not a new plant, it is so little known, and so attractive in appearance, that we consider it worthy a place in the garden. It grows two to two and a half feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being light green until September, when the whole plant is a solid mass of crimson. Seeds germinate readily, and may be sown in the open ground about the first of May. The plants should stand about two feet apart 10

HYACINTH BEAN—Dolichos

Lablab. This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of flowers are borne in great profusion. The shining purple seed-pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be sown where plants are desired, in as warm and dry a spot as possible 5

New Japan. A new and beautiful variety, with large, pure white flowers, and waxy white seed-pods. Eight to ten feet 10

JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time. Withstands heat, drought, and insects.

Japanese Hop 5

Variegated Japanese Hop. Leaves green and white variegated. 5

LINUM

Grandiflorum rubrum. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual 5

Perennial varieties mixed 5

LYCHNIS

To obtain good flowers the first summer, start under glass and transplant as early as possible.

Chalcedonica. Two feet high, with heads of brilliant scarlet flowers. Perennial 5

Haageana hybrida. Finest of the Lychnis family. One foot in height. Mixed colors . . 5

Viscaria splendens. Flowers bright crimson. A very fine red-flowered hardy perennial . 5

LARKSPUR—Delphinium

ANNUAL VARIETIES

Beautiful plants. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart. The annual varieties are very free bloomers, and produce large spikes of flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations.

Double Dwarf Rocket. One foot in height. Mixed colors, ounce, 25 cents 5
Double Tall Rocket. Large plant; very showy. Two feet. Mixed colors 5
Stock-Flowered. Double. Branching. Fine for cutting. Two feet. Mixed colors 5
Candelabrum. One foot in height; flowering late. Mixed colors 10
Emperor. Compact; brilliant. Two feet. Mixed colors 5

PERENNIAL VARIETIES

The perennial Larkspurs are valuable plants. Foliage clean and pretty; habit strong and good; flowering branches of some varieties often four feet bigh; flower spikes six inches or more in length. Propagated by division of roots and from seed. Sow seed in open ground, early in spring, and strong plants will be produced by fall that will flower the next spring, and some of tbem the first season.

Formosum. Brilliant blue, white eye. Three feet 5
Formosum cœlestinum. (Pillar of Beauty). Celestial blue; flowers large; spikes long. Plants three feet in height 10
Nudicaule. Bright scarlet; native of California. One foot. 10
Chinese. Fine. Two to three feet. Blue, white, and pink, mixed 5
Zalil (Hardy Yellow Larkspur). A lovely shade of sulphur-yellow, bearing spikes of forty to fifty blossoms each, one inch in diameter. Plants one to two feet 10
Large-flowering Hybrids. Three to six feet high. Flowers of various shades; very showy. Finest varieties mixed. 5

MYOSOTIS—Forget-me-not

Perennial plants, flowering the first season if sown early. Small white and blue flowers. Seed may be sown in a hotbed, and transplanted, or in open ground in spring.

Alpestris. Blue. Six inches 5
Alpestris Alba. White. Six inches 5
Alpestris rosea. Rose. Six inches 5
Alpestris Indigo blue. New, very fine 10
Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye . 10
Alpestris Victoria. Sky blue, dwarf, strong-growing, globular, abundant. Fine for pots and cutting 10
Palustris (True Forget-me-not). Blue, with yellow eye 10
Vick's Perfection. The finest Myosotis known. Large, bright blue flowers, with twice as many petals as other varieties. Plant robust, nine inches high 15
Azorica var. cœlestina. Flowers sky-blue 20
Mixed varieties. 5

MARIGOLD

MARIGOLD

The African and French Marigolds are valuable for their flowers in autumn and can be grown to advantage in little clumps with other plants in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds adapt themselves to spots where the taller varieties would be unsuitable. Seeds can be sown in a coldframe or in a seedbed in the open border, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across 5
Eldorado. Flowers very large, ten to fourteen inches in circumference, and extremely double; quilled like a Dahlia; primrose, lemon, orange, and golden shades. Plant three feet in height. 5
Lemon Queen. Large lemon-colored flowers 5
Prince of Orange. Large orange flowers 5
Mixed varieties. Ounce, 50 cents 5

FRENCH MARIGOLDS

Striped, yellow and brown 5
Tall varieties mixed. Ounce, 50 cents 5
Dwarf varieties mixed. Ounce, 50 cents 5
Dwarf Marigold Little Brownie, or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon 5
Gold Margin. Excellent. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering 5
Tagetes signata pumila. A beautiful dwarf plant, forming a globular dense mass. Fine for bedding or borders 5

MARVEL OF PERU

Also known as Four O'Clock, because its flowers open about that time of the evening and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias.

Marvel of Peru. Mixed colors, ounce 20 cents 5
Variegated Foliage. Flowers of a variety of colors 5
Long-Flowered White. Sweet-scented flowers three to four inches long 5
Long-Flowered Violet. Same as above, except in color 5
Tom Thumb. Very dwarf. Mixed colors 5

¶ At prices quoted in this Catalogue, we prepay the Postage or Express charges, unless otherwise noted

MORNING GLORIES

Convolvulus Major

The old Morning Glory. Annual. One of the most free-flowering and rapid-growing plants in cultivation. The richness and delicacy of the brilliant flowers is unsurpassed. The seeds germinate so readily that they can be grown in the garden anywhere the plants are needed, and almost at any time.

White; white and violet striped; white striped with rose; light blue; dark blue; carmine; lilac; incarnata, bright red; **atrosanguinea,** dark red; **each color** 5

One packet of each of the above nine varieties for 30 cents.

All the above mixed. Ounce, 15 cents 5

New Double-Flowering. Very fine. About eighty per cent. of the plants will produce double flowers; the remainder semi-double or single . 10

Large Flowered Morning Glory, Rochester

This grand Morning Glory is remarkable for the large size and beautiful color of the flower. Vines strong, growing quickly twelve to twenty feet high, with magnificent foliage, leaves measuring from eight to ten inches across, and remaining on the vines close to the ground during the entire summer. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to the top of the vines 10

Brazilian Morning Glories

Ipomœa setosa. A most interesting climber, with rose-colored flowers from three to four inches in diameter, and leaves eight to twelve inches across. It presents a remarkable appearance, branching in all directions, and intertwining so as to make it impenetrable to the sun's rays. The large seed-pods, with short, reddish hairs on the stems, make it unusually ornamental and attractive. After planting pour on scalding water. 10

IMPERIAL JAPANESE MORNING GLORIES

OUR OWN SPECIAL STRAIN

We have given much labor and space to cultivating and improving these large and desirable Morning Glories, and as a result are able to offer a very fine mixture of choice colors, ranging through white with pink throats, white spotted with violet, white spotted with rose, mauve with white throat, lavender with central band of crimson, cobalt-blue with rose bands, violet with blood-red bands, crimson with carmine bands, and purple with maroon bands. Their exquisite beauty and enormous size (from four to six inches across), with their innumerable markings and shadings, command the admiration of all flower lovers. The vines are strong and robust, attaining a height of thirty to fifty feet. The foliage islargeand finely cut; sometimes plain green, and occasionally green beautifully mottled with creamy buff **Sold in mixed colors only.** Ounce, 50 cents 10

MIGNONETTE

Seeds of Mignonette may be sown at any season, so that by having pots prepared at different times, a succession of flowers can be secured. Seeds sown early in the garden will give flowers through the summer. Plant in a cool place and it will continue to bloom all through the fall. For winter blooming keep in a cool room till buds are formed and begin to show, then bring into a temperature not exceeding fifty degrees at night. Very few cultivate the Sweet Mignonette compared with the many that might show their love for this sweet little flower. Annual.

Sweet, (Reseda odorata grandiflora.) A well-known fragrant plant. Ounce 15 cents 5

Grandiflora Ameliorata. A large variety, with reddish tinge to the flowers. Ounce 20 cents 5

Giant Pyramidal. A mammoth variety. Ounce 60 cents 10

Golden Queen. A very fine and distinct variety, with flowers of a golden hue. Ounce 30 cents 5

Machet. Plant dwarf and vigorous, of good habit, producing large spikes of very sweet-scented flowers. Fine for pot culture. Ounce 50 cents . . 10

Golden Machet. This variety has all the excellencies of the popular Machet Mignonette, recognized by all as the best for forcing and pot culture. Plants are of strong, compact habit, bearing long massive spikes of golden yellow flowers. Ounce 60 cents 10

Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. Ounce 50 cents 10

Goliath. Among all the varieties of Mignonette that have been introduced within the last few years this is the best and most distinct. The plants are compact in habit, with rich green foliage, and the immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture Ounce 60 cents 10

New Large-flowering Bismarck. Very large, true pyramidal shape. Reddish-colored flowers borne on strong stems, well elevated above the dark green, slightly crumpled foliage 10

Parson's White. Nearly white; strongly scented. Ounce 60 cents . . 10

Ruby. A fine strain of Machet. Ounce 50 cts. 10

New Hybrid Spiral. Robust plant, long spikes. Ounce 20 cents. 5

Maurandya

Maurandyas are delicate and graceful free-blooming climbers, six to ten feet in height. Suitable for greenhouse or outdoor culture, but especially useful for baskets, vases, etc. The flowers are of good size; colors white, and various shades of rose, purple, and blue. Seed should be sown in the hotbed, greenhouse, or in pots in a warm sunny window. Annual.

Finest mixed . . . 10

MIGNONETTE

NASTURTIUMS

CLIMBING NASTURTIUMS

THESE are among the very best climbers. They require but little attention, for seed sown in the spring of the year in any fair garden soil, not too rich, will produce plants ten to twelve feet in height before autumn. They endure hot and dry weather very well. There are several varieties; the leaves of some being very light transparent green, while in others they are very dark, almost purplish. The flowers are all shades of yellow and scarlet, some of them beautifully spotted. The climbing Tropæolums are excellent plants for baskets, vases, etc. Grown two or three in a large pot, with brush or lattice work support, they make a most showy ornament, which can be moved at pleasure.

Vick's Complete Collection of Climbing Nasturtiums

Nasturtiums are the favorite flowers of today, vieing in popularity with Sweet Peas. This is owing to their wonderful blooming qualities and great variety of colors. We offer the following eighteen varieties

In One Collection for 50 Cents

Tropæolum Majus

Per ounce, 15 cents; packet, 5 cents.

Atropurpureum. Dark crimson.
Atropurpureum fol. aureis. Foliage yellow, flowers crimson.
Chocolate.
Dark Orange.
Edward Otto. Bronze, silky
King Theodore. The darkest.
Orange. Very handsome.
Pearl. Creamy white.
Prince Henry. Light yellow, marbled with scarlet.
Regelianum. Purple-violet.
Scheuerianum. Straw-color, brown striped.
Scheuerianum coccineum, Scarlet striped.
Scarlet.
Schulzii. Brilliant scarlet.
Schillingi. Bright yellow blotched with maroon.
Vesuvius. Brilliant salmon-rose, dark-leaved.
Von Moltke. Bluish rose.
Yellow.

Mixed varieties. The green seed-pods used for pickles. Pound, 80 cents; oz. 10 cents 5
Extra choice mixed. ¼ pound, 50 cents; oz., 20 cents 5

Tropæolum Lobbianum

Resembling the tall variety in habit, with beautiful and various colored flowers borne in great profusion. The flowers and foliage are somewhat smaller than the ordinary Nasturtium. Half-hardy annual.

Asa Gray. Yellowish white, very fine 5
Giant of Battles. Sulphur and red. 5
King of the Blacks. Very dark brown 5
Lucifer. Very dark scarlet 5
Primrose. Cream, with brown spots 5
Princess Victoria Louise. Light yellow, with blood-red spots and spurs 5
Choicest mixture, oz., 20 cents 5

Tropæolum Peregrinum

Canary-bird Flower. One of the finest of the Nasturtium family, resembling a Canary Bird with expanded wings. Half-hardy annual 5

New Climbing Nasturtium

"Hybrids of Madam Gunther." A strain of French origin, most remarkable for the wide range of exquisite colors, showing pink, purple, rose, salmon, light yellow, dark maroon, deep orange, etc., etc.; also striped and blotched, mottled and variegated in the most fantastic manner. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases, or trailing on the ground. Half-hardy annual. Ounce, 25 cents 5

TOM THUMB NASTURTIUMS

Nasturtiums are much used for making dense masses of color, the Tom Thumb varieties being especially desirable for this purpose. In the hottest weather they thrive and bloom luxuriantly. When planted in poor soil they flower profusely; if the soil is too rich they run to leaves. Hardy annuals.

Aurora. Salmon-rose, mottled and veined . . 5
Beauty. Orange and vermilion 5
Bronze. Beautiful coppery bronze 5
Carter's. Scarlet 5
Chameleon. Mottled crimson, bronze, and yellow 5
Cloth of Gold. Golden-leaved, flowers intense scarlet 5
Cœruleo-roseum. Bluish rose 5
Crystal Palace Gem. Sulphur, maroon spots 5
Empress of India. Dark leaves, crimson flowers 5
Dark Crimson 5
Golden King. Golden yellow flowers. Very fine 5
Golden Queen. A beautiful new golden-flowered, yellow-leaved variety 5
King Theodore. Flowers very dark 5
King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet. 5
Lady Bird. Golden yellow, flamed crimson . 5
Luteum. Yellow 5
Pearl. Light cream 5
Prince Henry. Light yellow, marbled scarlet 5
Regelianum. Purplish violet 5
Rose. Rose, tinted with salmon 5
Ruby King. Foliage dark 5
Scheuerianum coccineum. Scarlet striped 5
Spotted. Yellow, crimson spots 5
Spotted King. Rich orange, maroon spots . 5

One packet each of above twenty-four, 70 cents.

Extra Choice Mixture, from named sorts, ¼ pound, 60 cents; oz., 20 cents . . . 5
Mixed varieties, 1 pound, $1.00; ¼ lb., 30 cents; oz., 10 cents 5

VICK'S SUPERB PANSIES

THE PANSY is, everywhere and with everybody, a very popular flower. Its modest and innate sweetness endears it in the heart of young and old alike. It gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansy seed may be sown in the hotbed or open ground. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seeds sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plants must be vigorous, and make a rapid growth, as it will in rich moist loam. Young plants give the largest flowers. The old worn-out plants should be replaced. If the plants come into bloom in the heat of summer, the flower will be small at first, but as the weather becomes cooler they will increase in size and beauty. They will flower better in mid-summer if planted where it is somewhat shaded from the hot sun, and especially if furnished with a good supply of water; but in almost any situation will give fine flowers in the spring and autumn.

Vick's Giant Superb Pansies

For years our **Superb Mixture** has been **unapproached;** in fact, no grower has as yet succeeded in producing a Pansy so fine in color, delicate in penciling and so uniformly large in size as our own. To this superb mixture we are constantly adding the newest and most expensive strains, which we know will please all lovers of the Pansy. If you want the best Pansies grown, get our Superb Mixture. Packet, 50 cents; two packets, 80 cents; ⅛ ounce, $1.25; ounce, $9.00.

Vick's Peerless Pansies

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier, and Trimardeau types. For immense size, perfect form, freedom and durability of bloom, and gorgeous colorings, the Peerless stands second only to our New Giant Superb Mixture. For a charming display of show or exhibition Pansies you should try at least a packet of Vick's Peerless. Packet, 25 cents; two packets, 40 cents; ⅛ ounce, 90 cents; ounce, $5.00.

Bugnot's Superb Blotched. French strain; a beautiful class. Large flowers, broad blotches, and from the large spots extend delicate pencilings to extreme edge of petals. Seed of our own growing, saved from selected plants. Packet, 25 cents.

Bugnot's Exhibition. Saved from plants obtained from the grower's original seed. Packet, 75 cents.

Cassier's Giant Blotched. A magnificent strain of the popular Odier type. Flowers extra large, of fine form and good substance. Each petal is marked with a large, clearly defined blotch. Packet, 25 cents.

Giant Orchid-Flowered. A distinct new race, embracing many rare shades. Packet, 25 cents.

Odier, or Large-eyed. A superb strain of various colored, perfectly formed flowers, with dark blotches on the petals. Very showy. Packet, 20 cents.

Parisian Large Flowered Striped. Extra large flowers. A very showy strain. Packet, 15 cents.

President Carnot. A strikingly beautiful variety. Petals pure white, with a deep violet blotch. Packet, 20 cents.

VICK'S PANSIES—Continued

Masterpiece

This is a new strain of the Giant Five-spotted class. The general habit of the plants is strong and compact. In summer, when the weather is warm and dry, it maintains a healthy appearance longer than any other Pansy. The large flowers are borne well above the foliage, on strong stems, possess greatest substance, are perfectly round, and contain a rich combination of colors. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light, white, or yellow edge. Packet, 20 cents.

Giant-Flowering Varieties

A distinct class. Plants vigorous and compact. The flowers are thrown well above the foliage and many of them are marked with large blotches. They are of enormous dimensions—some specimens grown on our grounds measuring over three inches in diameter. We offer the following separate colors of this wonderful strain:

Andromeda. This lovely frilled variety is of a delicate apple-blossom, showing a soft lavender or lilac hue, rendered more effective by a darker lining 20

Adonis. Beautiful light blue 10

Auricula-flowered. Fine shades 10

Bridesmaid. New. Rosy white ground, beautifully blotched 25

Dark Blue 15

Emperor Franz Joseph. White with large violet blotches. A superior bedding variety 20

Emperor William. Ultramarine blue, with violet-purple eye 15

Fire King. Golden yellow, upper petals purple. Showy 25

Freya. Dark purple, with broad pure white margin; extra fine 15

Golden Queen. Pure yellow 25

Hortensia Red 25

King of the Blacks. Almost jet black. Extra fine large-flowering strain 25

Lord Beaconsfield. Purple-violet, shading to white in the upper petals; splendid . . . 15

Madam Perret. True. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin 15

Peacock. Large peacock-blue flowers, white edged. A superb variety 20

Prince Henry. An extra fine variety of the darkest blue 20

Prince Bismarck. Light brown shades, with dark eye. Extra 15

Psyche. A beauty in form and color, elegantly curled and undulated 20

Ruby King. New. Superb red shades . . 20

Snowflake. Extra fine pure white 15

Striped. Fine 15

White, with Purple Eye 15

Yellow, with Black Eye 15

Mixed varieties, oz., $3.00; ¼ oz., $1.00; ⅛ oz., 60 cents 10

Standard Varieties

Each 5 cents per packet.

Atrosanguinea. Dark red.

Azure-Blue. Extra fine.

Black, with bronzy center. Fine.

Bronze-color.

Brown-Red. Various shades.

Cardinal. Brilliant dark red.

Coquette de Poissy. Distinctive mauve color.

Dark Blue. Very rich, constant.

Dark Purple. Rich, deep purple. Fine.

Diana. Cream-colored; quite distinct.

Emperor Frederick. Dark red, bordered with orange-scarlet.

Emperor William. Ultramarine-blue, with violet-purple eye.

Fawn-color. (Prince Bismarck.)

Fairy Queen. Brilliant sky-blue, silver-white margin. Very showy.

Fire King. Golden yellow, upper petals purple.

Gold-Margined. Exceedingly beautiful color.

Havana Brown. Beautiful shades of brown.

King of the Blacks. Almost coal-black.

Light Blue. Lovely shades of sky-blue.

Lord Beaconsfield. Deep purple-violet, shading to lighter hue.

Mahogany-colored. A very fine variety.

Meteor. Bright brown.

Mourning Bride. Dark purple, red or white edge.

Purplish Violet. Distinct and fine.

Quadricolor. Distinct. Colors brilliant.

Red Riding Hood. Brilliant red.

Rosy Lilac. Distinct, and very fine.

Silver-Edged. Dark purple, with white border. A charming variety.

Snowy White. Good form and size.

Striped and Mottled. Extra, and very showy.

Victoria. Rich velvety claret-red, large flowers.

Violet, with white border.

White, with dark eye. Very showy.

Yellow, with dark center.

Yellow Gem. Clear yellow, without eye. A gem.

One packet of each of the above thirty-five for $1.25; or any ten for 40 cents.

Mixed Seeds of the above sorts, oz. $1.50; 1-8 oz. 25c.; pkt. 5c.

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Perennial, but bloom the first season.

Hybridus tigrinus grandiflorus. As beautifully spotted as the Calceolarias 10

Musk Plant 5

All sorts mixed 5

NICOTIANA

Sanderæ. **The Hardy Annual of the Century.** Among Nicotiana nothing approaches it in point of floriferousness, nor in its graceful and copiously branching habit. The whole plant is laden with flowers from base to summit, of an intensely glowing rosy-carmine color; and either in flower beds, shrubbery borders, or in the wild garden, this incomparably beautiful plant is charming. Seed sown in January, pricked out in the ordinary way that hardy annuals are treated, transplanted in May in the position where it is intended to flower, is all that is necessary. No plant is easier to grow. The care given to the most ordinary annual will suit this new Nicotiana admirably 10

Nicotiana affinis is one of the best we have ever grown. The plant attains the height of three feet, and at evening and early morning is covered with deliciously-scented, large, white flowers. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter 5

Sylvestris. Grows about five feet high, with very symmetrical foliage. The very long pendulous flowers are delicately fragrant, and are borne in great profusion 5

NIGELLA

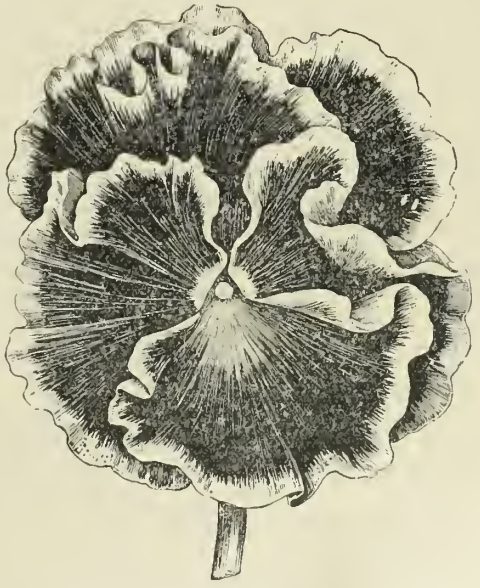
Pretty, hardy annuals, with fine feathery foliage. May be sown in the open ground early in spring.

Damascena. (Love-in-a-Mist.) One foot. Mixed colors 5

Damascena nana. Dwarf. Six inches. Mixed colors 5

Hispanica. One foot. Large-flowered. Mixed colors 5

Fontanesiana. Large-flowered. Blue. Blooms very early 5



GIANT-FLOWERING PANSY, MASTERPIECE

You will be interested in the collections of Flower Seeds offered on page 39; particularly so on account of the Asters, Sweet Peas, and Pansies. The collections are our regular size packets, but put up before the busy season, which accounts for the extremely low price

Petunias

Seed sown in a hotbed or coldframe early in the spring, will produce flowering plants in June. Set the plants about eighteen inches apart. They come pretty true from seed, but are not reliable in this respect, being inclined to sport. Seeds of Double Petunias do not possess as much vitality as those of the single, and care must be used to get them to germinate; neither will all come double. Annuals.

Vick's Ruffled

Large, showy flowers; strong, free-blooming plants

Embraces the greatest range of color and the largest size of flower. The painting on the back cover of this catalogue was made from the natural flowers and is strictly true as to size and color. No bedding plant makes a more pleasing display than Vick's Ruffled Petunias. The many distinct colors and markings make a brilliant show. The plants make a strong growth and bloom profusely. One greenhouse 100x20 feet is devoted exclusively to this strain, and in which the plants are grown separately in pots and hand fertilized. This mixture is decidedly in advance of any other foreign or American strain; it is offered for the first time this year, and at a special introductory price of 25 cents per packet.

GRANDIFLORA, LARGE-FLOWERED SINGLE.

Superbissima. Magnificent flowers, of various colors, with large throats beautifully veined. Extra fine 25
Alba. Large white, fine form. . . 25
Brilliant. Deep rose 25
Kermesina. Rich crimson . . . 25
Maculata. Beautifully blotched and striped 25
Marginata. Pink, veined with rose, and green margin 25
Venosa. Variety of colors, beautifully veined 25
Violacea. One of the noblest of the large-flowered Petunias. Rich violet 25
Choice mixed. From show flowers 25

GRANDIFLORA, LARGE-FLOWERED SINGLE, FRINGED.

Alba. White, edges crimped and fringed 25
Brilliant rose. Fringed edge . 25
Vick's Fringed. Flowers with fringed and frilled edges; distinct and beautiful; comes true from seed. Mixed colors . . . 25

GRANDIFLORA, LARGE-FLOWERED DOUBLE.

Aurora. Light rose, veined crimson-purple 50
Brilliant rose 50
White 50
Mixed varieties 50

GRANDIFLORA, LARGE-FLOWERED DOUBLE, FRINGED

Brilliant rose 50
Lady of the Lake. Pure white 50
Mixed varieties 50

DOUBLE-FLOWERED BEDDING PETUNIAS.

Compacta nana multiflora fl. pl. Dwarf, compact plant, profuse bloomer. Fine for bedding. Mixed colors 25

One Packet each of the following for 75 cents

Large-Flowering Single. Choice mixed 25
Vick's Fringed. Mixed colors 25
Giants of California. Mixed colors 25
Single-Flowered Bedding. Extra choice mixed 10
Double-Flowered Bedding. Mixed colors 25

SINGLE-FLOWERED BEDDING PETUNIAS

Bedding varieties are unsurpassed for massing. They will make a more showy bed, giving a profusion of flowers from early summer until frost.

Blotched and Striped, very symmetrically marked 10
Belle Etoile. A beautiful, somewhat large-flowered strain of the above . 10
Brilliant. Rosy carmine 10
Countess of Ellesmere. Dark rose, with fine white throat 10
General Dodds. Beautiful dark red 10
Illustris. Carmine-rose 10
Kermesina. Fine crimson 10
Venosa. Various shades, handsomely veined 10
Extra Choice Mixed. Superb strain 10
Fine mixed 5
New Dwarf Inimitable. A really dwarf variety, forming a compact little plant five to eight inches in height by as much in diameter, covered with regularly striped flowers. Adapted for massing and pot culture . . 10
Snowball. A charming new dwarf pure white variety 10

"Giants of California." This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations,—some with deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, and gorgeous 25

MALOPE. Ornamental hardy plants of vigorous growth, branching freely, and producing large flowers of deep rosy red, veined darker inside, or of pearl white. Sow seeds in the open border, as the plants do not bear transplanting.
Grandiflora. Flowers single, purple 5
Grandiflora alba. Single, pure white 5

Remember We pay the Postage or Express Charges, unless otherwise noted. ¶Most seedsmen require *you* to pay these items.

PHLOX

The word *phlox* signifies "a flame," and a bed of Vick's Phlox is a dazzling sight. In a good, rich soil, the plants will grow eighteen inches or more in height, and for a mass of splendid colors no annual or perennial will give a more satisfactory return for so little cost. The colors range from the purest white to the deepest blood-purple or crimson, while the clear eye of some of the varieties is peculiarly marked. The Phlox makes a very good border or low summer hedge. The finest effect, however, is produced by planting each color in a separate bed, or in ribbon fashion, its constant blooming making it desirable for these purposes. In selecting the plants, get good contrasts of color, as white, scarlet, and rose. Phlox usually comes very true from seed, so that it is particularly desirable for forming ribbon-beds, and if a plant of wrong color is found it can be easily removed and the place will soon be filled, for the Phlox is a vigorous grower when it has room. Seed may be sown in the open ground as early in spring as the soil can be put in good condition, or in hotbed or coldframe earlier; and in either case, from June, during the summer and autumn, the plants make a most brilliant show of flowers. Set the plants about one foot apart; if too thick, they suffer from mildew. We grow several acres of Phlox every year, devoting much care to its improvement, and our strain of Phlox Drummondii is the best the world produces.

Phlox Drummondii Grandiflora

The flowers of this section have round petals and larger flowers than the old sorts. These varieties we have found to be nearly constant.

Alba pura. Pure white.
Atropurpurea. Deep purple.
Atropurpurea alba oculata. Dark purple, white eye.
Brilliant. Delicate pink; white eye.
Coccinea. Brilliant scarlet.
Carnea. Flesh color. Beautiful.
Carminea alba oculata. Rose-carmine, white eye.
Chamois rose. Pale rose.
Isabellina. Light yellow.
Kermesina splendens. Vivid crimson; one of the best for massing.
Leopoldii. Splendid rose color, with white eye.
Quadricolor rosea. Rose petals, shaded separate.
Rosea. Beautiful pink, shading to rose, with darker eye.
Stellata splendens. Clear scarlet, white eye.

Price, per packet, 10 cents; any seven for 50 cts. The set of fourteen for $1.00.

Phlox Drummondii grandiflora, choice mixed, ounce, 75 cents . . . 10
Phlox Drummondii, fine mixed 5

Phlox Drummondii Nana Compacta

The dwarf annual Phloxes are very desirable for edgings and ribbon beds and useful for pot culture. They grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best.

Fireball. Bright scarlet . . . . 10 **Best varieties mixed** 10
Snowball. Pure white 10

Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, projecting like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best varieties mixed** 10

The Entire Collection of Phlox Drummondii including Star Phlox, seventeen varieties, for $1.20

PERILLA NANKINENSIS. A very elegant dark-leaved plant with purplish mulberry-colored foliage. Annual. Eighteen inches in height 5

PRIMROSE

In this country Primroses do well in a cold house, but in the open ground succeed best in a northern border. P. vulgaris is the sweet, beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England. Sow seeds under glass and transplant. Perennial

Primula auricula. Fine mixed 25
Auricula. From named flowers 5
Elatior (Polyanthus). Fine mixed 1
Polyanthus, Gold-laced. Choicest mixed. 25
Vulgaris. Wild English Primrose 10

For other varieties of Primula see Plant Department.

PYRETHRUM

Handsome herbaceous plants of easy culture. It would be well to sow seeds under glass, but we have grown them by sowing seed in the open ground. A good double Pyrethrum is as desirable as a good Aster. Hardy.

Roseum hybridum. Double varieties mixed 25
Roseum hybridum. Single varieties mixed 10
Double White Feverfew 10
Golden Feather. Prized for its yellow foliage 10

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, not only to children, but to those of larger growth, on account of its apparently sensitive leaves, which close up when touched. Seeds should be started under glass. Do not transplant to the open ground until the weather is warm. Annual 5

SCHIZANTHUS

The Schizanthus is a beautiful half-hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. Best varieties mixed 5

NEMOPHILA. Love-in-the-Grove. Baby Eyes. Flowers blue and white. They do best if sown in a frame and transplanted early. Set about six inches apart. Mixed varieties. Ounce, 20 cents . . 5

Poppies

Vick's Best Annual and Perennial Varieties

Within the past few years many developments in the Poppy family have brought them again into deserved popularity, and now good annual varieties are numerous, ranging in size from the Ranunculus-flowered, two inches in diameter, to the large Peony-flowered. The plants have strong tap-roots, and are difficult to transplant; it is better to sow the seed early in the spring where the plants are to flower.

ANNUAL VARIETIES

Vick's Brilliant is a superior variety, of strong, robust growtb, two to tbree feet high. Tbe flowers have a variety of bright colors; pure white with a pink tinge, scarlet, rose, purple, and otber sbades, and are so beautiful and bright as to be almost dazzling to tbe eye. Round as a ball; perfectly double 10

Shirley. Flowers exceedingly graceful and elegant; single; colors ranging from blush-white, delicate pink, rose, and carmine, to bright sparkling crimson, occasionally blotcbed and streaked witb white. The best and most showy of all the single Poppies . . 5

Mikado. Flowers large and loose, resembling the Japanese Cbrysantbemum; petals cut and fringed in the most fantastic manner; color pure white, edged witb purple 5

One packet of each of the above three for 15 cents

Danish Flag. Flowers brilliant scarlet, large silvery white blotch at the base of eacb petal, forming a white cross on scarlet ground 5

Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony; colors range from wbite to pink, carmine, scarlet, crimson, and maroon 5

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson . 5

Scarlet single. Tbe single Scarlet Corn or Field Poppy of Europe. Very gorgeous 5

Umbrosum. Of dwarf habit; branching. Flowers bright vermilion, with a shining black spot on each petal. Very showy 5

Carnation-flowered (somniferum fl. pl.) (Double Opium Poppy). Splendid large double flowers. Deeply fringed; same style as Vick's Brilliant. Mixed colors, ounce, 20 cents 5

Opium Poppy. True, single. Pound 90 cents; ounce, 10 cents 5

One packet of each of the above seven, 25 cents.

American Flag. Flowers snow white, bordered with scarlet, large, double. 5

White Swan. Large double flowers, elegantly fringed, pure wbite . . . 5

Golden Gate. Single, semi-double, and double flowers, in a great variety of colors 5

The Tulip. An elegant and distinct variety. Plants from twelve to fourteen inches high, producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. It commences blooming early in June, and flowers abundantly for a period of from six to eigbt weeks 5

Cardinal Poppy (New bybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply laciniated. Flowers cbamois and brilliant rose on light ground; purple, crimson, brick rose on black, brown, or violet ground 5

One packet of each of the above five for 20 cents

All Annual Poppies listed on this page (15 Varieties) Mixed, in one Packet, 5 Cents.

PERENNIAL VARIETIES

ICELAND POPPY
Papaver nudicaule.

TheIceland Poppies are perennial, blossoming the first season from seed. The fragrant, elegant crushed-satin-like flowers are produced continuously from June to October. The flowers last fully a week, if cut as soon as open.

Pure White, Yellow and Orange. Separate or Mixed, each 10

Collection of the three Iceland Poppies for 25 cents.

ORIENTAL POPPIES

The single, large, oriental Poppies are a great addition to the herbaceous border, and are of greater value among shrubbery, as they tend to relieve and lighten up the usually dark and somber character of clumps of shrubs. Flowers very large, five or six inches across.

Bracteatum. Scarlet. Three feet high . . . 5

Orientale. One of the most striking and showy hardy garden plants, bearing great flowers, six to eight inches across, deep scarlet with a bluish-purple base. The plants are very hardy and easily grown from seed. Very large; red. Three feet 5

Involucratum maximum. Fine large scarlet flowers. 5

HARDY PLANTS, OLD AND NEW

A beautifully illustrated catalogue of Hardy Perennial Plants, Roses, and Shrubs, which we have recently published, will give you much reliable information about the best varieties for beautifying the home grounds. The catalogue also contains a table showing the blooming season, so a succession of flowers may be had from February to December. This catalogue will be sent *free* on request.

SINGLE AND DOUBLE PORTULACA

PORTULACA

A popular hardy creeper, each strong plant covering a space about two feet in diameter. It delights in a warm sun and sandy soil, and the drouth in never too long nor the heat too intense for this beautiful salamander. It makes a brilliant bed on the lawn. The flowers of the double varieties are like small roses. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower; and in making a ribbon bed with Portulaca, wait until the first flower opens, so as to be sure of the color. Annual.

Alba, pure white; **alba striata,** white, striped with rose; **caryophylloides,** rose, striped with carmine; **New Rose,** fine rose color; **Thellussoni,** fine scarlet; **splendens,** crimson; **Thorburni,** straw color; **aurea vera,** deep yellow; **aurea striata,** sulphur yellow striped with gold. Each of the single varieties 5

One packet each of the above nine for 30 cents.

Fine mixed single varieties, ounce, 50 cents 5

Double Rose-Flowered. A perfect double variety, as much so as the Rose, and of many brilliant colors, as well as striped. First quality, mixed colors . 10

Double Rose-Flowered. Seven different colors—crimson, scarlet, rose, white, rose striped with carmine, orange, yellow—each color 15

One packet each of the above seven for 75 cents.

RICINUS

The Ricinus has very ornamental foliage and beautiful showy fruit. Fine for the center of a bed, as it gives a magnificent semi-tropical appearance; or, planted thick, it makes a fine screen or hedge. Plant seed in open, very rich, deep-spaded ground, in a dry situation, as soon as safe in spring. The common Castor Oil Bean is cultivated for the oil, and grows about twenty bushels per acre. Annual.

Macrocarpus. Whitish; beautiful. Six feet 5

Purpureus. Purple stems and leaves. Magnificent. Six feet 5

Borboniensis. Very beautiful large green leaves. Fifteen feet 5

Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet 5

Duchess of Edinburgh. Dark purple stem and leaves. Ten feet . . . 5

Africanus hybridus. Fine. Stem and fruit rose. Six feet 5

Philippinensis. Very large, beautiful leaves. Ten feet 5

Sanguineus. Blood-red stalk and clusters of red fruit. Eight feet. Ounce 15 cents 5

Communis (Castor Oil Bean, Palma Christi). Pound, 40 cents; oz., 10 cents 5

One packet each of the preceding nine varieties for 35 cents.

Mixed varieties of preceding. Ounce, 15 cents 5

Zanzibariensis (Zanzibar Castor Oil Plant). New and distinct. The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical appearance when planted singly or in masses is matchless. Mixed varieties, ounce 15 cents 5

SWEET ROCKET

The Sweet Rocket is a very hardy perennial, bearing clusters of single flowers, which are fragrant during the evening. Colors purple and white. The plant, with fair culture, will grow eighteen inches high. Seed will germinate readily in open ground. **Sweet Purple, Sweet White,** or mixed, each . 5

SWEET WILLIAM

The best varieties of Sweet William are of exceedingly beautiful colors, very large and almost perfect in form, with trusses of great size. Treatment as for Carnation. The plants are perfectly hardy, and may be increased by division of the roots. The colors pass from white to pink, crimson, carmine, and purple; with distinct eye encircled with color differing from the rest of the flower, like Phlox or Verbenas. They make very durable cut flowers. It is well to raise new plants every year from seed, for old plants become debilitated and unsightly, and the flowers decrease in size.

Holborn Glory. New. Magnificent large flowers of the most beautiful shades 10

Perfection (Auricula-flowered). Single varieties mixed 5

Double varieties mixed 5

Dunetti. Single. Blood-red, velvety texture 5

White. Single. Constant 5

SALPIGLOSSIS

A beautiful flower, delicate in color, and peculiarly rich in its markings.

Grandiflora. This has long been one of our favorite flowers, but has never attained the popularity to which it is entitled. Our illustration shows its forms and veinings, but nature only can paint its colors. It is a splendid half-hardy annual, with flowers of a peculiar richness, very delicately and beautifully penciled. Very effective in the sunlight, which brings out the beautiful tints and veinings. Unsurpassed for cutting. Plants about two feet in height. Mixed colors 5

New Emperor. This variety shows a very marked and striking distinction in habit of growth as well as in its flowers. It forms only one thick main stem about thirty inches high, which is thickly covered with flowers considerably larger than those of the old type, and presents a compact bouquet, in the various rich velvety colors usual to the species—purple, crimson, scarlet, rose, etc.—elegantly veined with gold. Mixed colors 10

NIEREMBERGIA GRACILIS. Tender perennial. Suitable for house culture, or may be treated as a tender annual. Fine for baskets, vases, etc. Light blue saucer-shaped flowers 5

SALPIGLOSSIS GRANDIFLORA

How to Grow Asters

A booklet giving comprehensive directions for growing Asters from seed sowing to blooming time; also diseases and the remedies. Price, 10 cents. Free with an order for 25 cents worth of Vick's Aster Seed.

SWEET PEAS

are among the most beautiful of all our hardy annuals. Any ordinary garden soil is well adapted for growing them. Select a sunny, open place, several feet from any building, or close fence, and as far as possible from large trees. Sow as early in the spring as possible. *Do not wait for fair weather.* Plant in double rows six inches apart and four inches deep, dropping the seeds three inches apart, alternating them in this manner

o o o o o o o o o o o

When up, hoe the soil toward the plants a little, but do not form a ridge. Furnish support early. The one important point is to keep the surface of the soil fine and mellow from the time it is worked up in the spring. The following list embraces the most desirable sorts that have been brought out up to the present time, although we can furnish any of the 150 varieties offered by the trade.

Per packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; ½ lb., 35 cents; lb., 50 cents; unless otherwise noted.

Not less than ¼ pound of a variety at the quarter-pound rate

White

Dorothy Eckford. Very large, semi-hooded form. A grand flower.

Emily Henderson. Early, vigorous and a profuse bloomer.

Mont Blanc. Extra early. Dwarf.

Nora Unwin. A splendid flower. Extra large and open, wavy form. Packet, 10 cents; oz., 25 cents.

Sadie Burpee—black seeded. The hardiest white Sweet Pea. The buds show tint of pink.

Primrose and Buff

Hon. Mrs. E. Kenyon. Light primrose. Very large semi-hooded form.

Marchioness of Cholmondeley. Delicate creamy buff. Wings lighter than standard.

Queen Victoria. Light primrose. Buds pinkish. Hooded form. Very hardy.

Stella Morse. Buff, tinted with pink at the edges

Light Pink

Countess Spencer. The type of a new race. The open-form flowers are of great size and with wavy margins. Countess Spencer is a bright, clear pink, a little deeper at the edges. Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents pound, $2.00.

Countess Spencer Hybrids. Extra large and beautiful Sweet Peas in various shades of pink, orange, salmon and rose.

Countess of Lathom. Light, creamy pink. Hooded form.

Dainty. White, edged with light pink. Hooded form. The long stems usually bear four blossoms.

Florence Morse Spencer. Delicate blush, with pink margin. A lighter, pink-edged form of Countess Spencer.

Gladys Unwin. Bright, clear pink, a little deeper at the edges. Countess Spencer form, but a little smaller, lighter color and freer flowering.

Lovely. Light pink, shading deeper toward the center of the flower. Vigorous and a free bloomer. Hooded form.

Modesty. A delicate tint of pink, a trifle deeper at the edges. Hooded form.

Mrs. Alfred Watkins. Large, open wavy form. Standard shading from blush to pink and wings from blush to rose. Packet, 10 cents; oz., 25 cents.

Nymphæa. White, deepening to pink with age. Large, semi-hooded form, with slightly waved edges. The long stems usually bear four blossoms.

Prima Donna. The favorite soft, clear, pink self. Good size. Hooded form. Vigorous and free flowering.

Deep Pink and Rose

E. J. Castle. Bright rose crimson, with veins of deeper rose. Large open form. Wavy edges. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Janet Scott. Clear, deep, bright pink, shading to buff at top of standard. Large hooded form.

Jeannie Gordon. Standard rose. Wings primrose, tinged with pink. Large hooded form.

John Ingman. Rose carmine, with veins of deeper shade. A bold, handsome flower. Very large open form, with wavy edges. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Geo. Herbert. Is similar to John Ingman but deeper and brighter color. Packet, 10 cents; oz., 25 cents.

Phyllis Unwin. Is similar to John Ingman but a shade lighter. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Mrs. Dugdale. Crimson rose. Very large shell-shaped flower. Distinct and attractive.

Prince of Wales. The largest and best rose crimson. Vigorous and free flowering.

Rose and White

Apple Blossom. Standard crimson pink. Wings white, shaded pink. Hooded form. Usually four flowers to the stem.

Earliest of All. Standard rose. Wings white. The earliest form of the well-known Blanche Ferry.

Orange Pink

Bolton's Pink. Salmon pink, veined with rose. Large handsome flower. Semi-hooded form. Less orange than Miss Willmott. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Helen Lewis. Standard crimson orange. Wings orange rose. Spencer form. Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00.

Henry Eckford. The nearest approach to orange yellow. The flowers should be shaded on bright days. Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., $2.00

Miss Willmott. Standard orange pink. Wings rose, tinted with orange. The best orange pink. The large semi-hooded flowers are borne on long stems.

Per packet, 5 cents; oz., 10 cents; ¼ lb., 20 cents; ½ lb., 35 cents; lb., 60 cents; unless otherwise noted.

Not less than ¼ pound of a variety at the quarter pound rate

Lavender and Mauve Shades

Lady Grisel Hamilton. The largest and lightest shade of lavender. Standard light mauve. Hooded form.

Lottie Eckford. White, tinted lilac and edged deep blue. Large hooded form, inclined to double.

Mrs. Geo. Higginson, Jr. The clearest delicate lavender, free from mauve tint. Semi-hooded form.

Blue and Purple Shades

Duke of Westminister. Clear purple, with tint of violet in the wings. Large, hooded form.

Flora Norton. The brightest and clearest blue. Medium size, open form.

Mrs. Walter Wright. Rose purple. Large, hooded form.

Navy Blue. The best dark blue. Distinct and a vigorous grower.

Shades of Red

King Edward VII. The largest and brightest red yet introduced. Crimson scarlet. Open form.

Queen Alexandra. Almost a true scarlet. Semi-hooded form. Packet, 10 cents; oz., 25 cents; ¼ lb., 75 cents.

Salopian. A little deeper shade than King Edward VII Stands the sun well. Hooded form.

Maroon

Othello. Dark maroon self. Large, hooded form.

Shazada. Standard deep maroon. Wings dark violet. Large, semi-hooded form.

Variegated

America. Crimson scarlet stripes on white ground. The brightest striped variety. Large, open form.

Aurora. Orange rose stripes on white ground. The most attractive striped variety. Large, hooded form.

Golden Rose. Light pink, lightly striped and mottled on primrose ground. Very large semi-hooded flowers with wavy edges.

Jessie Cuthbertson. Light pink, distinctly striped on primrose ground. Large, hooded form.

Mrs. Joseph Chamberlain. Rose, striped on white ground. Very large hooded form.

Cupid Sweet Peas

Have flowers as large as the tall sorts, but grow from 6 to 8 inches in height and spread to a foot or more in diameter. Effective for borders or bedding.

VICK'S BANNER COLLECTIONS OF SWEET PEAS

20 Varieties 25 Cents — 40 Varieties 40 Cents

Each in a Separate Packet A Perfect Rainbow of Colors

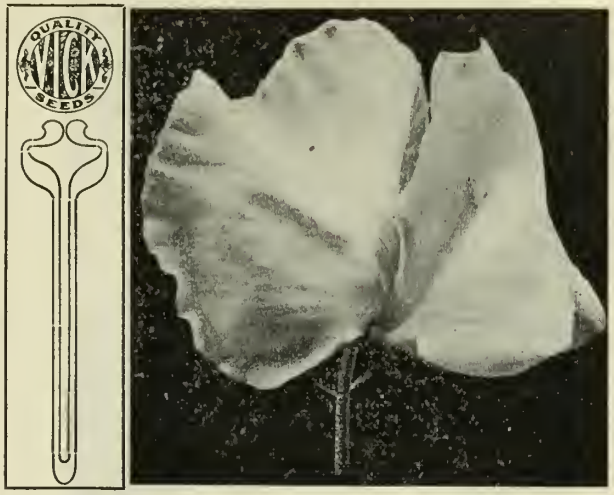
A booklet with complete descriptions and cultural directions will be sent with each order. You can by this work compare the different sorts and post yourself quite well on the different varieties of Sweet Peas.

The following varieties compose the cream of the list, and as these collections were packed before the busy season we can in no instance make changes.

40 Packets, 40 cents.		20 Packets, 25 Cents.
America.	Lottie Eckford.	CountessSpencerHybrids
Apple Blossom.	Lovely. [delay.	Dorothy Eckford.
Aurora.	Marchioness of Cholmon-	Flora Norton.
CountessSpencerHybrids	Mrs. Dugdale.	Helen Pierce.
Countess of Lathom.	Mrs. Geo. Higginson, Jr.	Hon. Mrs. E. Kenyon.
Dainty.	Mrs. Jos. Chamberlain.	Janet Scott.
Dorothy Eckford.	Mrs. Walter Wright.	Jeannie Gordon.
Duke of Westminster.	Miss Willmott.	King Edward VII.
Earliest of All.	Modesty.	Lottie Eckford. [delay.
Florence Morse Spencer.	Mont Blanc.	Marchioness of Cholmon-
Flora Norton.	Navy Blue.	Mrs. Geo. Higginson, Jr.
Gladys Unwin.	Nymphæa.	Mrs. Walter Wright.
Golden Rose	Othello.	Miss Willmott.
Helen Lewis.	Prima Donna.	Modesty
Helen Pierce.	Prince of Wales.	Navy Blue.
Hon. Mrs. E. Kenyon.	Queen Victoria.	Othello.
Janet Scott.	Sadie Burpee.	Prima Donna.
Jeannie Gordon.	Salopian.	Prince of Wales.
Jessie Cuthbertson	Shazada.	Salopian
King Edward VII.	Stella Morse.	Sadie Burpee.

PERENNIAL PEAS

Perennial Peas. Perfectly hardy. Grow five feet high White, Red, Rose, or mixed varieties; each 5



Spencer Sweet Peas

A NEW RACE

This new type, of which Countess Spencer was the forerunner, is distinguished by its vigorous growth and by the size of the flowers, which have a diameter of two inches under favorable conditions. In addition, the long stemmed flowers have wavy or fluted petals. In some of the Spencer varieties this fluting is very pronounced. It should be borne in mind that liberal treatment is necessary to bring these magnificent flowers to perfection.

Four New Varieties

Princess Catherine Spencer. A grand new white Spencer, giant in size and most beautifully fluted. The buds and newly-opened flowers are delicately tinted with pink. Being black seeded it is perfectly hardy.

Dainty Spencer. Like the original grandiflora form of Dainty the Dainty Spencer is pure white, edged with light pink, a color combination that is well named, "Dainty." The wings are unusually large and spreading.

Princess Alice Spencer. A beautiful shade of light lavender, slightly tinted with pink. Princess Alice is fully up to the true Spencer standard.

Mrs. Joseph Chamberlain Spencer. A bright rose, striped and flaked on white ground, like the grandiflora Mrs. Joseph Chamberlain. In the Spencer size this is a wonderfully bold and striking flower.

Packet, each, 20 cents. The set of four, 60 cents.

MIXED SWEET PEAS

Vick's "Invincible Mixture," superior selected strains. The mixture introduced as "Vick's Invincible" we know will please the most exacting. For flowers of delicate colors, varying from pearly white to the richest reds and purples, the "Invincible" leads, because it is the result of selecting, year after year, seeds from the choicest flowers. The mixture cannot fail to give satisfaction. Packet, 5 cents; oz. 10 cents; ¼ lb., 25 cents; ½ lb., 40 cents; pound, 75 cents.

Eckford's Gilt-Edge, Special Mixed. Packet, 5 cents; oz. 10 cents; ¼ lb., 20 cents; ½ lb., 30 cents; lb., 50 cents.

Sweet Peas at Wholesale Prices. We offer a fine mixture composed of the standard sorts, at the following prices:

Ounce, 5 cents; ¼ lb., 15 cents; ½ lb., 25 cents; lb., 40 cents.

Vick's Standard Collection of Sweet Peas

Six Varieties which for Color and Hardiness Lead the List.

As all do not care for the same colors in Sweet Peas we have arranged a combination allowing you to select your favorite colors, in packets or ounces, or in both.

White, Dorothy Eckford
Lavender, Mrs. Geo. Higginson, jr.
Red, King Edward VII.
Light Pink, Countess Spencer
Deep Pink, Janet Scott.
Maroon, Shazada.

The set of six varieties in separate packets . . 20 cents
The set of six varieties in separate ounces . . 45 cents
Any three ounces and any three packets . . . 35 cents
Postage prepaid

CORNFLOWER ASTER

Stokesia Cyanea

This is one of our most charming and beautiful native hardy plants. The plant grows about 18 inches high, bearing freely, from early July until frost, its handsome lavender-blue Centaurea-like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. We have no hesitation in saying that the Cornflower Aster is one of the most valuable and desirable hardy plants offered.

Seed, per packet, 15 cents. Plants, each, 20 cents.

SUNFLOWER—Helianthus

Coarse tall plants, from four to eight feet in height, with bright yellow flowers. The double varieties produce a very good effect among shubbery, and when used as screens. Sometimes reproduced from self-sown seed. The seeds of the single varieties are of considerable value for oil as well as for feeding poultry.

Globosus fistulosus (Chrysanthemum Flowered). Best of the Sunflowers. Very large; double 5

Double Green-centered. Large flower, green center when young; when old perfectly double. Five to eight feet in height 5

Dwarf Golden. Variegated foliage, five to six feet high. Very effective as single specimens. Seventy to eighty per cent. true from seed 10

Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower 10

One packet each of the above four double varieties 20 cents.

Mammoth Russian. Very large. Usually grown for feed. Per pound, 30 cents; ½ lb., 15 cents; ¼ lb., 10 cents; oz 5

White Beauty. Most prolific variety grown Per pound, 35 cents; oz. 5

SALVIA

or Flowering Sage

The Scarlet Salvias are among the most brilliant red-flowering bedding plants in cultivation. They bloom from middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Massed in a bed, or a row or two around the verandah, they make a beautiful show. Set plants one foot apart.

Clara Bedman (Bonfire). The plants are compact and produce long spikes, of which there are sometimes two hundred to a plant, bearing from twenty to thirty flowers each. For masses on the lawn or in the garden, or in rows along the walks, its brilliant, dazzling scarlet flowers are simply gorgeous 10

Burning Bush **(S. splendens gigantea prostrata)**
(See colored illustration on back cover.)
This magnificent variety blooms earlier than any other Salvia, and the flowers are produced in such great numbers that they cause the spikes to droop gracefully with their weight, the effect being showy and attractive. The flowers are of a brilliant, dazzling scarlet, and borne in endless profusion all summer and fall 20

Alfred Ragueneau. A new dwarf Salvia. The plants grow only eighteen inches high, compact, and covered with flower spikes of a brilliant scarlet, clear above the foliage. Fine for massing or for border around beds of other plants 10

New Golden. Foliage a rich golden yellow, constant and distinct. Flowers brilliant scarlet, the spikes large and full, making a striking contrast. Plant only eighteen inches high. Two packets for 25 cents . . 15

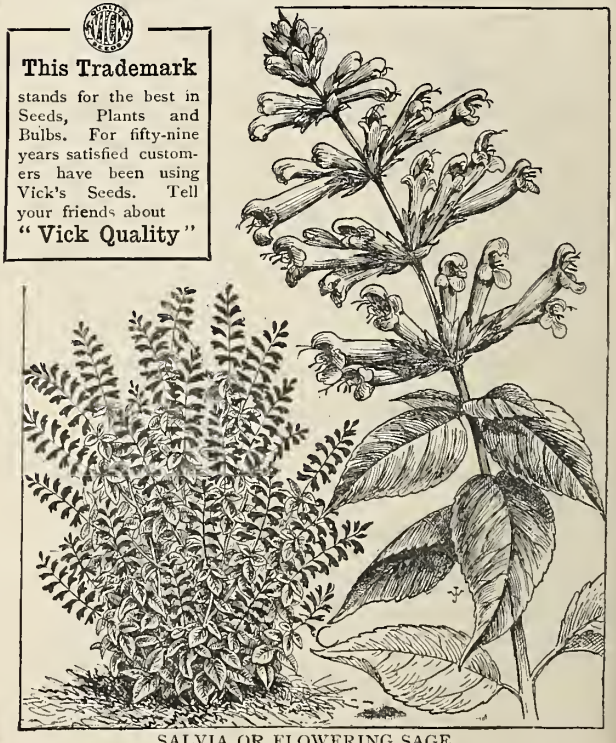
Splendens. True; large, scarlet 10

Patens. Flowers of a delightful blue 15

If you will secure an order amounting to $1.00 (in packet seeds) from **a new customer,** and send it to us, we will give you your choice of

One packet Mikado White Aster, or
One packet Giant Cosmos, or
One packet New Ruffled Pansy, or
One packet Swastika Pea, or
One packet New Coreless Tomato

This Trademark
stands for the best in Seeds, Plants and Bulbs. For fifty-nine years satisfied customers have been using Vick's Seeds. Tell your friends about
"Vick Quality"



SALVIA OR FLOWERING SAGE

SCABIOSA—Mourning Bride

The Scabiosa is an old favorite, and of late years has been greatly improved. The flowers are borne on long wiry stems, in white, yellow, pink, scarlet, crimson, and maroon. Beautiful in the garden, and excellent for bouquets. Twelve to eighteen inches high. Annual.

The Pompadour, New Double. A remarkable improvement in the Scabiosa, with florets very much increased in size, variety, and brilliancy of color, making it doubly desirable for use as a border plant and for cut flowers for decorative purposes 10

Double Tall. Mixed colors 5

Double Dwarf. A pretty compact plant. Mixed colors 5

Double Yellow. A distinct color, obtained after years of careful selection . 10

Double White (Snowball). Pure white 5

Royal Purple. Large-flowered double. Color rich claret 5

SHASTA DAISY

A very hardy perennial, blooming better and more abundantly each season and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne on single, long, stiff, wiry stems. The blooms when cut remain perfectly fresh and in good condition for two weeks or more. **Seed, per packet, 10 cents. Plants, each 20 cents.**

¶ At prices quoted in this Catalogue, we prepay the Postage or Express charges, unless otherwise noted

TEN WEEKS STOCK

The Ten-Weeks or Annual Stock has nearly or quite all the requisites of a perfect flowering plant—good habit, fine foliage, and beautiful flowers of almost every desirable tint. Seeds may be sown in the open ground, hotbed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. If plants that are not too far advanced are carefully potted in the fall, they will flower finely in winter in a house that is tolerably cool and moist. For this purpose sow seeds late in the season. Although not a constant bloomer, like Phlox, the flowers endure for a long time, and the side shoots give a succession of blossoms when the plant can obtain a needed supply of moisture.

Largest-Flowering Dwarf. From pot grown plants. Dwarf habit, with magnificent large spikes of large double flowers. All colors mixed . 10

Largest-Flowering Dwarf. In colors, white, flesh-color, aurora, apple-blossom, rose, carmine, shining purple-carmine, crimson, blood-red, light-blue, violet, each 10

Dwarf German, from field-grown plants. Mixed colors 5

Large-Flowering Pyramidal Dwarf. Of pyramidal habit; long spikes of large flowers. Choice colors mixed 10

Large-flowering Pyramidal. Celestial blue. Excellent color 10

Snow Flake (Forcing). This variety of Dwarf Wallflower-leaved Large-flowering Stock is the earliest white, and one of the earliest of all Ten-weeks Stocks. Admirably adapted for forcing. The snow-white flowers are uncommonly large and double. Seed produces about 60 per cent. of double-flowering plants 25

Dresden Perpetual (Cut-and-Come-Again, or Princess Alice). Pure white. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting 10

Large-flowering Wallflower-leaved. Smooth, dark, shining leaves. Dwarf. Set six inches apart. Mixed colors 10

Wallflower-leaved White. A beautiful variety, the flowers being the clearest possible white, contrasting grandly with the dark green, glossy foliage. Grown largely for cut flowers 10

Wallflower-leaved Blood-red. The deepest red of all the Stocks. A very choice variety, prized by florists for cutting 15

Early Large-Flowering Winter Stock

Giant Nice White. Very fine variety. 10

Giant Nice Yellow. Excellent 10

Beauty of Nice. Strong spikes, with large flowers of a delicate fleshy pink 10

Queen Alexandra. New. Rosy lilac, similar to preceding. Splendid . 15

Crimson King. New. Brilliant fiery crimson. Beautiful 15

BROMPTON STOCK

Both plant and flowers are larger than the Annual stock, and the spikes longer and bolder. The Brompton Stock cannot survive our winters, but plants can be removed to the house in the fall, where they will flower well if not kept too hot and dry. In spring they can be transferred to the garden. Biennial.

Empress Elizabeth. Splendid. Immense spikes of bright carmine flowers. Superb both for pots and cutting 15

Best mixed colors 10

VICK'S VERBENAS

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced from seed as readily as almost any tender annual. They flower in July, and continue strong and healthy until destroyed by frosts. For more than thirty years we have made a specialty of Verbenas, and our stock today stands unrivaled.

Auricula-Flowered or White-Eyed. Mixed colors 10

Striped. Excellent flowers, with Carnation-like stripes 10

Scarlet. Brightest scarlet. Quite true 10

Pure White. Quite true from seed. 10

Cloth of Gold. The golden yellow leaves present a unique appearance. Fine Mixed 10

Cœrulea. Blue, shades 10

Lutea (Primrose). Yellow 10

Purplish Violet, with large white center 10

One packet of each of the above eight varieties for 60 cents.

Verbena hybrida. **Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers, ounce, $0.60 . . 10**

Mixed colors 5

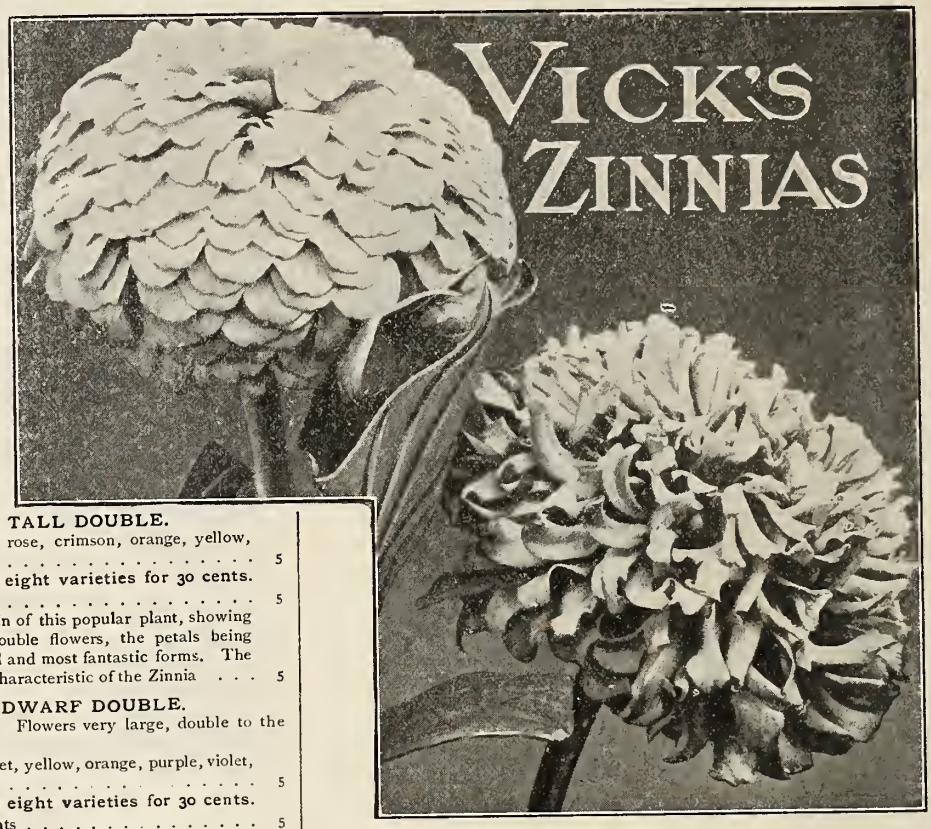
Vick's Zinnias

A bed or border of Vick's Giant-flowering Double Zinnias, in either mixed or separate colors, is surprisingly beautiful in the range of colors, as well as the size and perfection of the flowers. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by late frosts. Set plants from twelve to eighteen inches apart. The young plants can be easily transplanted if desired.

GIANT-FLOWERING DOUBLE

Plants of vigorous growth, about three feet high, bearing profusely their perfectly-formed double flowers, from four to five inches in diameter.

Scarlet Striped Gold 10
Citron-Yellow. 10
Queen Victoria. A variety of vigorous growth, with very double pure white flowers about four inches in diameter 10
All colors mixed 10



LARGE-FLOWERING TALL DOUBLE.

Separate Colors—lilac, purple, scarlet, rose, crimson, orange, yellow, white—each. 5

One packet of each of the above eight varieties for 30 cents.

All colors mixed, ounce, 50 cents 5
Curled and Crested. A beautiful strain of this popular plant, showing on each plant from 100 to 200 large double flowers, the petals being crested, twisted and curled into graceful and most fantastic forms. The colors comprise all the beautiful shades characteristic of the Zinnia . . . 5

LARGE-FLOWERING DWARF DOUBLE.

Only two feet high; compact-growing. Flowers very large, double to the center, and of perfect form.

Eight separate colors,—crimson, scarlet, yellow, orange, purple, violet, salmon, and pure white; each color 5

One packet of each of the above eight varieties for 30 cents.

Choicest colors mixed; ounce, 50 cents 5
Double Striped. A class embracing colors of the Large-Flowering Dwarf Zinnias, with striped and blotched petals. They grow about 50 per cent. striped, remainder solid colors. Mixed colors only 10

LILLIPUT VARIETIES.

Exceedingly pretty plants, fifteen inches high, and thickly branched. Flowers but little larger than a Daisy in size, very double, and freely produced all summer and until late in fall. Fine for pots, as well as for groups and borders.

Golden Gem. Scarlet Gem. White Gem. Orange Gem. The four for 30 cents; each . . . . 10 **Mixed Colors** 10

TOM THUMB

Varies from four to twelve inches in height, and from six to fourteen inches in diameter, forming compact, free-flowering, pigmy bushes, suited for edgings, small beds, and pot plants. Mixed colors 10

Vick's Collection of Zinnias

Attention is called to the magnificent colors of the flowers of the Large-Flowering Zinnias. It is not long since the Zinnia was considered a coarse plant, with muddy color effects in the flowers, and we must confess that we are surprised at the improvements made in the past few years. On our trial ground Zinnias were grown beside Dahlias, and the solid colors equaled in brilliancy the more aristocratic flower. We are sure that any who purchase the collection in separate colors will be more than pleased with their investment.

Tall Double, Eight separate colors —
Lilac, purple, crimson, scarlet, rose, orange, yellow, white, — in one collection for 30 cents.

WALLFLOWER

These deliciously fragrant half-bardy perennials should be better known. By growing plants in the garden and transplanting to pots in the autumn; or bettea, by placing plants in pots when taken from the seedbed, and sinking the pots to the rim in earth, good plants will be secured for winter flowering in the house. Give a cool room and plenty of water, or they may be protected in a coldframe during winter, and planted out in May. Where winters are not very severe the Wallflowers make most desirable plants, giving plenty of early spring flowers.

Fine mixed colors, double 10
Flowering first season fine mixed colors, single 5

THUNBERGIA

Beautiful, rapid-growing annual climbers, with pretty flowers (white, buff, or orange, with dark eyes) borne in profusion. Seeds start slowly at first, and should be sown in a botbed. When the plants are a few inches high transplant to a light, rich, loamy soil in the garden. For house culture, baskets, and vases, there are few plants superior to the Thunbergia. They may be used very effectively in beds, pegged down. Mixed colors 10

VIOLETS

Viola odorata is the well-known English Violet, a free-flowering hardy perennial. May be grown from seed, though somewhat slow in germinating. Succeeds best in a partially shaded, moist place.

Viola odorata (semperflorens) Deep violet-blue, and deliciously fragrant 10
The Czar. Blue and White, sweet-scented, each 10

Viola cornuta. This is a beautiful old border flower which, since its introduction into the summer flower-garden, has been taken in hand by the hybridizer, and many lovely forms of it now enricb our collections. It commences to flower early in the season and continues until frost. Habit and constitution robust; flowers large and delicately fragrant.

Viola cornuta Admiration. Magnificent flowers of a beautiful dark blue 10
Viola cornuta. Dark blue, lavender, and white. Sold only in mixture . . 10
Viola cornuta. Tufted Pansies. All the finest colors mixed 10
Viola lutea grandiflora (splendens). Large yellow 10

VINCA—Madagascar Periwinkle

The Vincas are very ornamental, aud bloom freely from early summer until destroyed by frost. In the fall they can be potted and kept in bloom through the winter. Seeds can be started in the window or under glass. They are raised for planting in the parks of Rochester in the following manner: Seeds are sown the last of March in "flats" or shallow boxes, and placed in a hotbed. When seedlings are large enough to handle they are transplanted into other flats and grown along in the hotbed until the middle of May and then hardened off. About June 1st they are planted out about one foot apart in the beds where they are to bloom. Seed sown in coldframe from the 1st to 15tb of April will also give good plants in time for setting out. Annual.

Rosea. Rose . . . . . 10 **Rosea nova species.** White . 10
Rosea alba. White, red eye . . 10 **Mixed varieties** 10

EVERLASTINGS

Acroclinium. One of the most beautiful Everlastings. Gather the first day they open to secure a bright center when dried. Bright rose and white. Single varieties, both colors mixed, ounce, 30 cents 5
Double varieties mixed 10
Gomphrena (Globe Amaranth). Start seed in a hotbed, if possible. Set the plants about a foot apart. Mixed varieties, ounce 20 cents . . . 5
Helichrysum monstrosum. Flowers double, large and full, and of a good variety of colors. Two feet. Cut just before the flowers fully expand. Plant about a foot apart. Seeds germinate readily, even in the open ground. Mixed colors 5
Helipterum grows about a foot in height, branching, bearing very many clusters of flowers. Should be taken when the buds are about opening, tied in bunches, and hung up in a shady place. The flowers will open in the drying process, retaining their color and brightness for many years.
Sanfordii. Choice. Flowers small, rich yellow 5
Rhodanthe. Fine for garden. Comes into flower early and continues a long time. One of the best everlastings for bouquets. Care is necessary in starting seeds. After good plants are grown we never fail to obtain abundance of flowers. Fine single mixed 10
Xeranthemum. Free-blooming annual. One foot. Seeds germinate freely. Transplants well when young. Set ten inches apart. Mixed colors. . . 5

SEEDS OF BULBS

There are a few bulbs which do not come to perfection very rapidly from seed, and therefore amateurs have seldom patience to wait for this slow process, but obtain plants or bulbs that will flower the first season. A few, however, derive pleasure in watching the development from the tiny seed to the perfect plant. For the benefit of such we always keep a stock of these seeds, a few of which we mention.

Dahlia. Choicest double varieties mixed 10
Dahlia. Finest single varieties mixed 10
Gladiolus 10

ORNAMENTAL GRASSES

Agrostis nebulosa. The most elegant of Ornamental Grasses 5
Arundo Donax variegatis aureus. Perennial. Strong stem, with golden-yellow striped leaves. Six feet high 5
Briza maxima. Perfectly hardy. One foot 5
Briza geniculata. Small; flowers freely. Eight inches 5
Chrysurus cynosuroides (Lamarckia aurea). Feathery spikes . . . 5
Coix lachryma (Job's Tears). Two feet; Corn-like leaves. Ounce 20c . 5
Erianthus Ravennæ. As fine as Pampas Grass. Superior for a northern climate. Hardy. Plants, 15 cents each; seeds 5
Gynerium argenteum (Pampas Grass). A noble Grass, flowers second season. Not hardy here 5
Hordeum jubatum (Squirrel Tail Grass). Fine 5
Lagurus ovatus. Dwarf. Called Hare's Tail Grass. One foot 5
Pennisetum longistylum. A very graceful grass, growing eighteen inches 5
Stipa pennata (Feather Grass). Magnificent. Flowers second season . 5

SEEDS OF HARDY CLIMBERS

These plants are mostly obtained by purchasing roots, and this is the better way when they can be procured. Some, however, cannot get plants, and must be content with seeds. Sow very early in spring or autumn, in drills, in well-prepared beds. Keep the soil mellow.

Ampelopsis quinquefolia. Virginia Creeper 5
Ampelopsis Veitchii. (Japanese Ivy.) Good wall plant, clinging to the smoothest surface. Absolutely the finest of the clinging climbers . . . 5
Bignonia (Tecoma) radicans. Trumpet Vine 5
Celastrus scandens. Climbing Bitter-Sweet. 5
Clematis Flammula. Fragrant, white 5
Clematis Vitalba. White 5

WILD GARDEN. Mixed Flower Seeds, in great variety, for sowing broadcast, per ounce, 20 cents 5

SEEDS OF TENDER PLANTS

MANY persons take great pleasure in growing plants from the seed, and as many of these seeds are small, they require care in sowing. Most of the plants in this department come from warm, moist climates, so we must supply similar conditions artificially. To do this without a greenhouse, sow the seeds in boxes or large pots; make a compost of three parts rotted sod and one part fine sand; this makes a rich soil that will not bake. Sow the seed very thin on the surface, then sift a very little fine earth over them, and water gently through a fine sprayer; lay a piece of glass over the top, and put the boxes or pots where they may have ordinary warmth and light, but no direct sunlight. When the plants are up remove the glass, or they will become mouldy and decay near the surface of the ground. As soon as they have made two leaves, transplant carefully into another box or pot of similar soil, set in a shady place for a few days, and water very sparingly. When somewhat established, remove them to the light.

Abutilon (Chinese Bell-Flower or Flowering Maple). The well known greenhouse shrub which will bloom most freely with very common treatment. Sown any time before April in a temperature of about 60 degrees, they will produce strong flowering plants the first season. Finest varieties mixed. 10
Begonia Rex-Diadema. This seed has been saved from the largest and finest collection in Europe, and contains all the latest varieties 50
Single Tuberous-rooted. Finest mixed 25
Double Tuberous-rooted. Finest mixed 50
Calceolaria. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window.
hybrida grandiflora. Large-flowered, self-colored, rich and beautiful; saved from finest collection 25
hybrida tigrina. Large-flowering, tigered and spotted. Finest mixture of most brilliant and beautifully marked flowers 25
Carnation, Remontant or Tree Carnation. Italian 25
Chrysanthemum Indicum, from a fine collection of show flowers. . . . 25
Cineraria. These may be classed among the most useful flowering plants we possess, and are comparatively easy to grow from seed. Their exceedingly bright colors and compact habit constitute them most suitable conservatory decorative plants.
hybrida, choice mixed 25
hybrida grandiflora. From the largest-flowered prize varieties. Splendid mixed 50
Cineraria maritima (Dusty Miller). Leaves silvery gray. Fine for vases, hanging baskets, and ribbon planting. 5
Clianthus Dampieri (Australian Glory Pea). A magnificent climbing plant of quick growth, bearing intense scarlet, singular-shaped flowers, with a black central base. Plant in a warm, dry position. Tender perennial, four feet high 10
Coleus. These very free-growing plants are remarkable for the bright colors of their foliage, with all the shades of red from pale pink to deepest crimson, and green from faintest to dark olive combined with yellow. Sow seed in March. Mixed seeds from choicest sorts . . . 25
Cuphea (Cigar Plant). A dwarf perennial with smooth lanceolate leaves, and tubular scarlet flowers. Profuse flowering. One foot high 10
Cyclamen Persicum giganteum. Choice strain, large flowers, rich colors 20
Persicum. Choice mixed 10
Fuchsia. Splendid mixture of single and double 50
Geranium. Fine mixed 10
Apple-scented 25
Gold and Bronze-Leaved 25
Choicest fancy varieties, (Lady Washington) mixed sorts. 25
Gloxinia hybrida. Best quality; from choice show flowers. 25
Grevillea robusta (Silk Oak). A beautiful decorative plant 10
Hibiscus coccineus. Scarlet. Three feet 10
Impatiens Sultani. Rosy-carmine. Constant bloomer 10
Lantana. Finest mixed 10
Linaria Cymbalaria (Kenilworth Ivy). Lavender and purple . . . 10
Nerium Oleander. Common Oleander 10
Oxalis floribunda. Fine for baskets or for pots. White and Pink mixed . 10
Passiflora cœrulea. The hardiest Passion Flower 10
Poinciana Gillesii (Bird of Paradise). A beautiful plant, with large, bright golden-yellow flowers, produced in large trusses 10
Primula Sinensis (Chinese Primrose) fimbriata rubra. Red; extra . 25
fimbriata alba. White; extra 25
fimbriata striata. White, striped with red 25
Choicest fringed varieties mixed 25
Fern-leaved. Very pretty Fern-like foliage. Red and White, separate or mixed, each 25
Double Fringed. A large percentage of the flowers perfectly double. Choicest mixed 50
Double White 5
Forbesii (Baby Primrose). Fine for the house, needing little care . . 20
obconica grandiflora. White. Profuse bloomer, bearing on long stems heads with 10 to 15 flowers, occasionally shading to lilac. 15
obconica grandiflora. Mixed varieties 15
Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks 15
Smilax. A graceful as well as useful climber for the greenhouse or window It is invaluable for bouquets and floral decorations. Sow seed in February in hot-bed or greenhouse, and keep in a moist place 10
Solanum ciliatum. Red-fruited. Very fine 10
Stevia serrata. Pure white; fragrant. Excelent for bouquets 10

HARDY PLANTS AND BULBS

For a complete list of the Best Hardy Plants for the garden, you are referred to our Catalogue "Hardy Plants, Old and New," which illustrates and describes Hardy Plants, Roses, Shrubs and Climbers. A copy will be mailed free on request.

ANEMONE

Whirlwind. This new double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and a half to three inches across, and have several rows of white sepals. The plants grow from two and a half to three feet in height. Each, 20 cents; per dozen, $2.00.

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. Each, 20 cents; per dozen, $2.00.

ACHILLEA

"The Pearl." The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for the garden or cemetery. Blooms nearly the whole season. Each, 20 cents; three for 50 cents.

AQUILEGIA

Chrysantha. The beautiful golden-yellow Columbine. Each, 20 cents.
Cœrulea. The true Rocky Mountain Columbine. Flowers blue. Each, 20 cents.
Skinneri. Scarlet and yellow. Each, 20 cents.

HARDY ASTERS—Michælmas Daisies

The hardy Asters produce an abundance of bloom in the fall, when other flowers are scarce. Each, 20 cents; per dozen, $2.00.

Lady Trevelyan. Pure white. Dwarf. **Pyramidalis.** Light blue. Dwarf.
White Queen. Pure white. Tall.

HIBISCUS

Crimson Eye. Pure white, with a velvety crimson center. Each, 20 cents; two for 35 cents.
Large-Flowering. Color deep pink. Each 20 cents; two for 35 cents.
Militaris. Delicate flesh-pink flowers, tinged with deeper color towards the center. Each, 20 cents; two for 35 cents.

HOLLYHOCK

We have excellent healthy plants, grown from seed, that will flower the first summer, and usually for three or four summers after.

Double, Assorted colors. Each, 20 cents; six for $1.00.
"Allegheny." New Fringed Perpetual-Blooming. A great improvement in Hollyhocks. The flowers come single, semi-double, and double. Each 20 cents; six for $1.00.

JAPAN IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings, and quite different in form from those of the German Iris, being much flatter and larger. Named varieties all double, each, 25 cents, per dozen, $2.50.

Blue Danube. Deep indigo blue, violet shadings.
Gold Bound. Pure white.
Hyde Park. Reddish purple, striped white.
Mahogany. Dark red, shaded maroon.
Paragon. Rich velvety purple.
Spotted Beauty. White spotted with violet crimson.

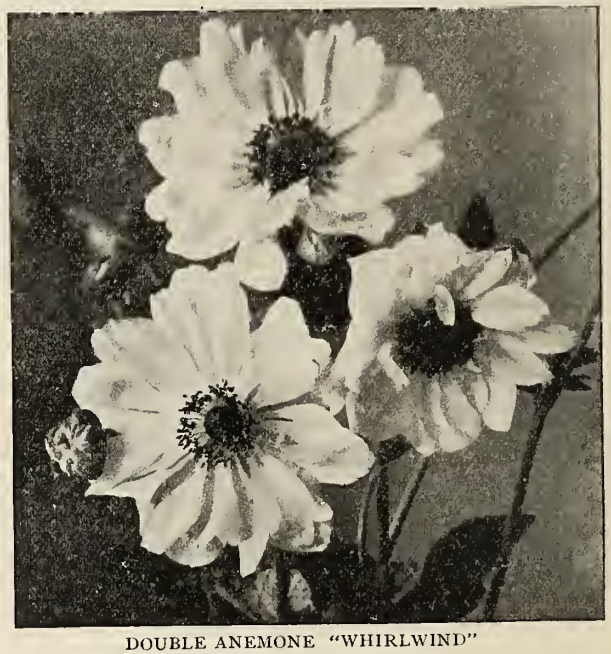
GERMAN IRIS

Perfectly hardy. They bloom in May and June, when there is always a scarcity of flowers. Plant three inches deep. Each, 20 cents; six for $1.00.

Bacchus. White, edged lavender blue. **Celeste.** Light blue.
Gesneriana. White and lavender. **Madcap.** Lavender and purple.
Harlequin. Lavender, lower petals striped purple.
Madame Chareaux. White.
Phidias. Bright yellow, lower petals mahogany.

MONARDA DIDYMA

An exceptionally fine hardy perennial for planting among bulbs or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers which are surpassed in intensity of color only by the Cardinal flower. For a mass of color it is very striking. Each, 15 cents; two for 25 cents.



DOUBLE ANEMONE "WHIRLWIND"

PERENNIAL PHLOX

Our friends who remember the old-fashioned Perennial Phlox of our grandmother's garden would hardly recognize the beautiful varieties grown to-day as bearing any resemblance to them. The improvement has been truly wonderful. Instead of the small, dull-hued flowers of olden times, we now have immense trusses, all bright and showy, the individual flowers three times the size of the old varieties, and the colors ranging from purest white to violet. With Perennial Phlox a show of brilliant flowers can be had from June until November, as they are perpetual bloomers. Perfectly hardy.

Strong field-grown plants, each, 20 cents; per dozen, $2.00.

Bridesmaid. White, carmine center.
Boule de Fue. Carmine.
Coquelicot. Bright scarlet.
Cyrano. Large, perfect flowers; pink, with crimson center.
Eclaireur. Flowers of immense size, carmine, salmon center, rosy white star.
Esclamonde. Rosy lilac, shaded white; large purple center surrounded with white halo.
Fabrihant Wiesse. Carmine, shaded violet.
Gipsy. Violet purple.
Isabey. Orange-salmon, center purplish crimson.
King of the Purples. A fine shade of purple.
Miss Lingard. White, early.
Pantheon. Salmon rose.
Premier Ministre. Rosy white, center crimson.
Purity. Pure white.
Richard Wallace. Pure white with distinct violet eye
Sunset. Large pink flower, with crimson eye. Very free and early-flowering. Good habit. Tall.
The Pearl. The finest pure white variety.
Teddy. Rosy white, with carmine eye, tips of petals sometimes striped with crimson. Fine form and truss.

SHASTA DAISY

A new hardy perennial. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. Each, 20 cents. **Dozen, $2.00.**

CHINESE PEONIAS

The Chinese Pæonias are desirable on account of their large size, fine colors, and profuse blooming. They are perfectly hardy, and will succeed on any ground unless so wet that the water will lie on the surface in the winter and spring. May he planted either in the autumn or spring. Extra fine roots, each, 30 cents; per dozen, $3.00; except as noted.

Active. Rose, late bloomer.
Dr. Bretonneau. Rose.
Duchess de Orleans. Violet-rose; center salmon.
Festiva alba. Pure white. 35 cents.
Fragrans. One of the best pink varieties.
Lilacina plena. Blush,center white.
Limbata. Rose; large and fine.
Magnifica. Delicate pink, changing to white. Each, 50 cents.
Nivalet. Rose; very fine.
Officinalis rubra. Rich deep crimson, very early; one of the brightest of the dark-colored varieties.
Plenissima rosea superha. Deep rose, tinged salmon.
Pulcherrima. Rose.
Purple Crown. Dark velvety purple
Smitzii. Single red.
Striata speciosa. Rose, center straw.
Sulphurea alba. A fine double white. Each, 35 cents.
Triomphe du Nord. Violet and rose.
Unicolor grandiflora. Rose, center salmon.
Variegata plenissima. Rose and pink shaded.
Tenuifolia flore-pleno. Foliage graceful and slender, making a fine contrast when arranged with the double dark crimson flowers, that nearly rival the rose in delicate perfume, perfection of bloom, and brilliancy of color. Blooms earlier than other varieties. Each, 50 cents; two for 90 cents.

HARDY PINKS

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.

Each, 20 cents; two for 30 cents; per dozen, $1.50.

Comet. A fine shade of red, flowers double, clove scented.
Her Majesty. Flowers very large, fringed, very double, and pure white. Fragrance delicious, clove-scented. Long stiff stems support the flowers.
Souvenir de Sale. Flowers a delicate soft rosy pink, being fully as large as a Carnation; beautifully formed, very double, and exceedingly useful for cutting. One of the hest Pinks.
White Reserve. A nicely fringed white.

RUDBECKIA

GOLDEN GLOW. (Rudbeckia laciniata flore-pleno). A beautiful hardy perennial, eight feet high, blooming from July to Septemher. Flowers double, deep golden yellow, borne on long stems, making it suitahle for cutting. One of the most effective decorative plants for garden or lawn. Each, 20 cents; two for 30 cents; dozen, $1.50.

Newmani. Single, golden yellow, with hlack center; grows about eighteen inches high. Each 20 cents.

Cornflower Aster, Stokesia Cyanea

One of the most valuahle of the native hardy plants, growing from 18 to 20 inches high, and of the easiest culture, succeeding in any open sunny situation. The flowers are borne profusely from July until frost, are of a handsome lavender-blue color, and measure from four to five inches in diameter. The Stokesia is not only desirahle as a single plant, but makes a fine effect in beds or masses. Each, 20 cents.

TRITOMA—Flame Flower

Pfitzerii. A grand improvement on the old Tritoma Uvaria grandiflora, or Red Hot Poker. The flower spikes, which are produced with considerably more freedom than in the old variety, are of gigantic size, frequently four and a half feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose on the edge. Each, 25 cents; dozen, $2.50.

McOweni. A charming variety, very early to come into bloom, stems long, truss rather loose; color orange scarlet and yellow. Each, 20 cents; dozen $2.00.

BLEEDING HEART. Dicentra spectabilis. Bears heart-shaped, deep pink flowers, a dozen or more being borne in a graceful drooping raceme a foot in length. Each, 30 cents.

CLEMATIS DAVIDIANA. A vigorous, hardy plant, two to four feet high, flowers bell-shaped, deep lavender or violet in color, very fragrant, and are produced in clusters in great profusion. Strong plants, each, 25 cents; two for 40 cents.

EULALIA. Handsome, tall, ornamental grasses for the open lawn, or to be grown in clumps in the horders of shruhbery.

Japonica zebrina. Stripe or marking is across the leaf instead of lengthwise.
Japonica variegata. This variety, except that the variegation of the leaf is lengthwise, is very similar in style and growth to E. Japonica zebrina.
Gracillima univitata. The most heautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib.

Each, 20 cents; one plant each of above three for 50 cents.

MEMORIAL VIOLET

A new pure white, single hardy Violet. The blossoms are of good size without markings of any kind; the stems long; foliage abundant. Will grow in full sunshine but flourishes particularly well in shady places, covering the ground with a mass of attractive foliage. Blooming in this latitude in time for Memorial Day, it is especially useful and desirable. Each, 25 cts.; dozen, $2.50.

FOXGLOVE. Digitalis. A highly ornamental perennial plant of stately growth. Excellent for planting in shubberies and other half-hardy places. The racemes of flowers are often two feet in length. Each, 20 cents.

GAILLARDIA GRANDIFLORA. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. Flowers from 2½ to 3½ inches in diameter, borne on long stems, and of gorgeous coloring. Excellent for cutting. Each, 20 cents.

GYPSOPHILA PANICULATA. Gypsophilas are valuable for houquet making, either green or dried. They are very graceful and easily cultivated. Should he in every garden. Flowers white. Each, 20 cents.

LARKSPUR. Delphiniums are valuable plants for the herbaceous garden, and will give perfect satisfaction to any one who grows them. Their long spikes of flowers are produced from June until frost.
Formosum. The finest blue known among our hardy plants. Each, 20 cents.
Bee Larkspur. Remarkable and interesting, the petals being folded up in the center of each flower so as to resemble a bee. Flowers lighter than Delphinium formosum. Each, 20 cents.

LYCHNIS CHALCEDONICA. Produces large heads of brilliant scarlet flowers. A gem for cut flowers. Each, 20 cents; dozen, $2.00.

LOBELIA CARDINALIS. Cardinal Flower. Flowers rich fiery cardinal color. Each, 20 cents; dozen $2.00.

PENTSTEMON BARBATUS TORREYI. Most useful hardy perennial, blooming from June until autumn, with panicles of brilliant scarlet flowers. Very fine. Each, 20 cents; per dozen, $2.00.

PLATYCODON GRANDIFLORUM. The Chinese Bell Flower. In bloom the entire season. The flower resemhles the Clematis in size and color. Two varieties, blue and white. Each 15 cents.

PRIMULA VERIS SUPERBA. Pale yellow. The plant is six to eight inches in height, is perfectly hardy, and flowers earlier and continues in bloom longer than any other Primula. Each, 20 cents; per dozen, $2.00.

PAPAVER—Poppy. Orientale. The well-known Oriental Poppy. Flowers scarlet. Each, 20 cents.

VERONICA SPICATA. An elegant border plant. Long spikes of deep blue flowers. Each 20 cents; dozen, $2.00.

MEMORIAL VIOLET, Novelty of 1909

Selected Lilies for the Garden

PLANT LILY BULBS eight or nine inches deep. Many fail in this particular, setting the bulbs so near the surface that the frosts of winter almost throw them out of the soil. The Lily throws out roots from the stalk above the bulb, and these serve the double purpose of supplying nutriment to the plant and of bracing and sustaining in position the heavy weight of the blossoms.

The soil for Lilies should be made rich with old, well-decayed manure, thoroughly incorporated with the soil; but fresh dressing must never be used, nor must any come in contact with the bulbs. They should be set on and surrounded by a layer of pure sand. When the ground freezes in the fall, apply a covering of stable litter or leaves, which may be forked in in the spring, thus supplying enrichment to the soil. *For $1.00 at single rates purchasers may select to the amount of $1.25.*

LILY, GOLDEN GLEAM

To customers who desire the very newest things in their garden these will prove extremely satisfactory.

Lilium Auratum Platyphyllum. Each 20 cents.
Speciosum magnificum. Each 25 cents.
Golden Gleam. Each, 50 cents.
One bulb of each for 75 cents, postpaid.

Golden Gleam Lily

A New Color Hardiest of all Lilies

After years of patience and painstaking work in hybridization and selection, Mr. E. Huftelen, the famous Lily specialist, has succeeded in producing a new color in the Tenuifolium class. This brilliant and hardy Lily derives its name from its clear golden yellow color, remarkable for its clearness and brilliancy, It is the hardiest of all Lilies, and when planted four inches deep in sandy or moderately light soil, it winters without protection. It closely resembles its mother parent (Lilium Tenuifolium) in growth, often attaining a height of three feet, blooming in June, but more freely and is much hardier. Our supply of bulbs comes direct from Mr. Huftelen and all are blooming size. We have watched Mr. Huftelen for a number of years working on his pet flowers, and gradually he has changed the color from deep red to rich golden. It is a beauty and worthy a place in every garden. Each, 50 cents; three for $1.40; dozen, $5.00.

Auratum. The magnificent gold-banded Lily of Japan, freely spotted with crimson-red; sweet-scented. Blooms about July 15th. Large bulbs, each, 20 cents; dozen, $2.00. Extra large bulbs, 30 cents; dozen, $3.00.

Auratum Platyphyllum is a close ally to L. Auratum, but is larger and finer in every respect. The flowers are from ten to twelve inches across and with much broader petals, studded with crimson-chocolate spots. The leaves are broad and lustrous. Each 30 cents; dozen, $3.00.

Canadense. Our native Lily, flowers drooping, delicate scarlet, yellow throat, spotted black. Blooms July 10th. Each 20 cents; dozen $2.00.

Elegans Batemani. A beautiful Japanese variety; flowers upight, of clear apricot yellow; strong and hardy; should bave a place in every garden. Blooms about July 15th. Each, 25 cents; dozen, $2.50.

Elegans. Best Light Red. Light red. Blooms about July 1st. Each, 20 cents; dozen, $2.00.

Elegans incomparable. Blood-red. Blooms July 1st. Each, 20 cents; dozen, $2.00.

Elegans Wallacei. Flowers rich vermilion-orange, spotted maroon. Blooms in the autumn. Fine. Eacb, 20 cents; dozen, $2.00.

Hansoni. This is a rare early-flowering species, of a beautiful yellow color, petals very thick, dotted with purple. One of the handsomest varieties. Blooms second week in June. Each, 30 cents; dozen, $3.00.

Humboldtii. Orange, spotted claret. Extra fine. Each, 30 cents; dozen, $3.00.

Japonicum longiflorum. White, trumpet-shaped. Blooms about 20th of July. First size, each, 20 cents; dozen, $2.00.

Leichtlinii. Canary-yellow, spotted red. Each, 30 cents; dozen, $3.00.

Leichtlinii Maximowiczii. Salmon-scarlet, with large purple dots. Blooms from August till frost. Each, 30 cents; dozen, $3.00.

Pardalinum. The best of the Canadense class. Yellow and red spotted. Blooms about July 10th. Each, 30 cents; dozen, $3.00.

Parryi. Pure lemon-yellow, long trumpet-shaped flower; very fine. Each, 30 cents; dozen, $3.00.

Speciosum rubrum. White and rose, dark crimson spots. Blooms August 15th. Each, 20 cents; dozen, $2.00.

Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum. Stems dark and color of flower much deeper. Each, 20 cents; dozen, $2.00.

Speciosum Magnificum. (New.) Recently discovered on one of the numerous Japanese Islands; is a new and much improved type of L. Speciosum Melpomene, but very much richer in color. The flower stems are more vigorous and erect and the leaves larger. Each, 25 cents; dozen, $2.50.

Speciosum album. White. Blooms August 15th. Each, 25 cents; dozen, $2.50.

Superbum. Yellow and orange-red; drooping. Three to six feet high, bearing from five to twenty flowers. Blooms July 15th. Each, 15 cents; dozen, $1.50.

Tenuifolium. One of the most beautiful and delicate of the early-flowering varieties. Flowers dazzling vermilion-scarlet, suspended from slender graceful stems; they are so bright as to attract attention from a great distance. Blooms about June 1st. Each, 20 cents; dozen, $2.00.

Tigrinum splendens. Improved Tiger Lily. Blooms about August 1st. Each, 15 cents; dozen, $1.50.

Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th. Each, 20 cents; dozen, $2.00.

DAY LILIES

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery.

Funkia alba (White Day Lily). Broad, light green leaves. Flowers large, pure white; fragrant. Each, 20 cents.

Funkia Japonica. Light blue, with narrow foliage. Each, 20 cents.

Funkia undulata media picta. Lavender. Foliage light green, beautifully variegated with white. Each, 25 cents.

Yellow Day Lily (Hemerocallis flava). A fine hardy plant, producing an abundance of large, golden yellow flowers. Sometimes called Lemon Lily. Each, 20 cents.

The above four sorts for 70 cents.

LILY OF THE VALLEY

Hardy perennial. Sweet, delicate, and graceful. When planted out of doors set the pips six inches apart and two inches deep in a partially shaded place. For house culture plant in pots, about one inch apart, in moss or sand, and water freely; then set the pots out of doors where they may freeze a day or two; after which bring them in doors, and after thawing, water freely and set in a sunny place in the window. Pips can be ordered in December for house culture, or in spring or fall for garden culture. Pips, half dozen, 25 cents; dozen, 40 cents; fifty, $1.40; hundred, $2.50.

At Prices quoted in this Catalogue we Prepay Postage or Express Charges, unless otherwise noted

Golden Day Lily. (Hemerocallis aurantiaca major.) One of the finest perfectly hardy herbaceous plants. The plant is vigorous in habit; the foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing as many as twelve flowers in succession, which are seven to eight inches across of a rich orange-yellow, quite distinct Each, 30 cents; two for 50 cents.

MAGIC FLOWER

Lycoris Squamigera

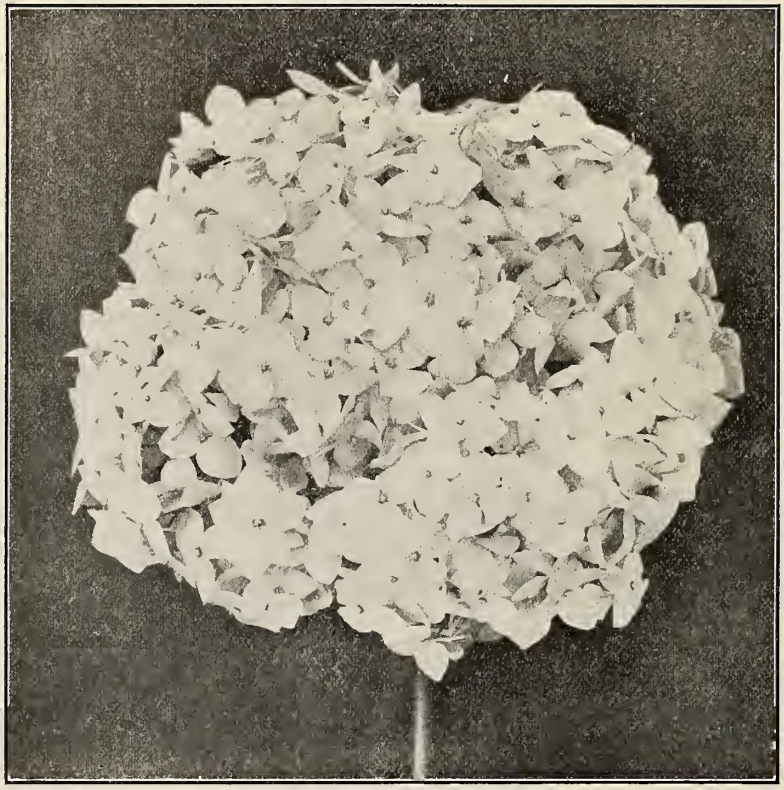
A Japanese Floral Aristocrat

When we say the Lycoris belongs to the stately Amaryllis family we place it in the class of floral aristocrats. It comes to us from Japan, and is not only peculiar and odd in its habit of growth, but is positively distinct from any other Lily in its beautiful large pink flowers. In early spring it sends up its attractive strap-leaf foliage, which grows until late in July, when it ripens off and disappears, and one unfamiliar with the plant would naturally think it had died. About a month later, the flower stalks spring like magic out of the bare ground, and rising to the height of two to four feet, develop an umbel of large Lily-shaped flowers from six to fifteen in number, of a delicate lilac-pink shaded with clear blue. The first flower to open retains its beautiful coloring and shape until long after the last bud on the stem is open. It is perfectly hardy and succeeds in ordinary garden soil. The bulbs are large and acclimated to this country, having been grown for several years in the vicinity of Rochester. The engraving presented herewith shows them in full bloom. It is the best introduction in the Lily class in many years. This Lycoris was imported from Japan a number of years ago, and grown here by Mr. E. Huftelen of Le Roy, N. Y., who for years has been prominent in Horticulture, making the improvement and hybridization of Lilies a specialty The Golden Gleam Lily is also one of Mr. Huftelen's introductions. Each, 50 cents; per dozen, $5.00.

When you are considing the question of buying Fruit and Ornamental TREES for the home grounds or the large orchard, remember that Vick is prepared to fill orders for first quality stock and in any quantity. We have a new Catalogue of Trees which will interest you. Send for it today; *it's free.*

MAGIC FLOWER—LYCORIS SQUAMIGERA

Hardy Shrubs



HYDRANGEA ARBORESCENS

HYDRANGEA

Arborescens. (Grandiflora Alba.) This magnificent hardy American Hydrangea is the most beautiful hardy flowering shrub introduced in many years. It attains a height of five to six feet, and about the same breadth. It is of far more graceful habit than Hydrangea paniculata grandiflora. The form of the panicle is much like that of Hydrangea Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow-white; the foliage is finely finished. Strong, one-year plants, each, 75 cents.

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length, and nearly as broad. Color purest white, afterward changing to deep pink as the season advances. It blooms in July, at a time when no other shrub is in flower, and remains beautiful until destroyed by frost. Hardy as a lilac bush. The plants we offer will all bloom the first season. Prices according to size. First size, each, 50 cents; two for 80 cents. Second size, each, 25 cents; three for 60 cents.

SPIRÆA

Spiræa arguta. Dwarf. Flowers clear white and freely produced. The best very early-flowering white Spiræa.

Anthony Waterer. New Crimson Spiræa. The most valuable hardy ornamental shrub recently introduced. Grows from twelve to fifteen inches high, in a compact, bushy form. It is a perpetual bloomer, bearing large clusters of bright crimson flowers all through the season. A valuable plant for bedding and borders.

Van Houttei. A vigorous plant that sends up numerous tall, slender shoots, which curve gracefully, and the last of May or in June are literally covered with pure white flowers, making the bush a mass of bloom.

Each, 25 cents.

SNOWBALL

Japanese Snowball (Viburnum plicatum). The bush is of lower and more compact growth than the old Snowball, and better furnished with foliage. The flowers are somewhat larger than those of the common form and of a purer white; remain longer in good condition. Each, 30 cents.

Viburnum Opulus sterilis. The well-known Snowball. Produces large clusters of snow-white flowers in May. Each, 25 cents.

TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage. Invaluable for planting by the seaside, where few plants will grow. Each, 30 cents; dozen, $3.00.

WEIGELA

Handsome summer-flowering shrubs, with an abundance of trumpet-shaped flowers, borne in clusters. Each, 25 cents; three for 60 cents.

Candida. Pure white.

Eva Rathke. Large purplish red flowers.

Rosea. Rose colored flowers, borne in the greatest profusion.

ALTHEA. Rose of Sharon. Beautiful erect-growing shrubs, of the easiest culture, bearing large, showy flowers early in the fall. Very desirable because of flowering when few other shrubs are in bloom. Double Red, Double White, and Double Violet, each, 25 cents.

FORSYTHIA SUSPENSA (Fortunei). Golden Bells. One of the earliest spring-flowering shrubs, producing large, bright yellow flowers. Each, 25 cents.

PURPLE FRINGE. Smoke Tree. A spreading shrub, completely covered in summer with large, feathery, purplish panicles, having the appearance of clouds of smoke. Each, 25 cents.

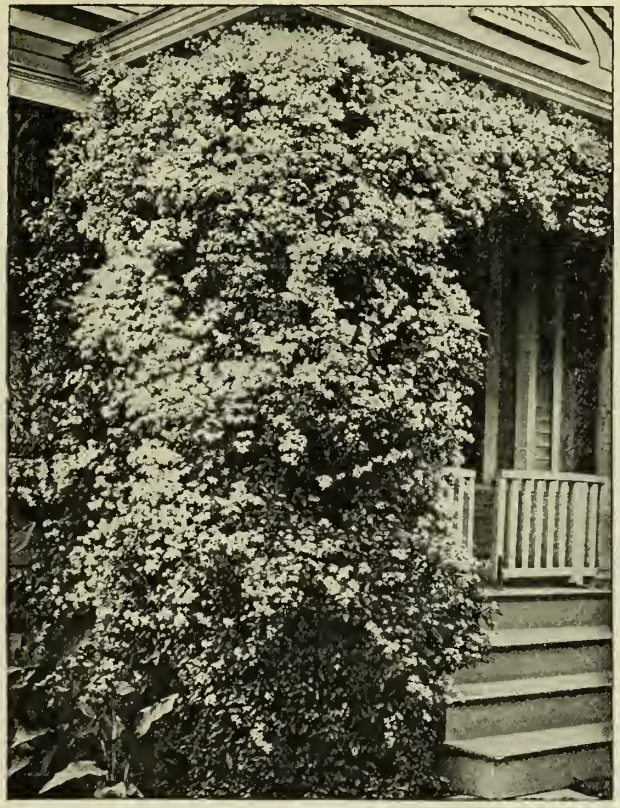
SYRINGA GRANDIFLORA. Flowers pure white, fragrant. A very popular shrub. Each, 25 cents.

CALIFORNIA PRIVET. A strong, vigorous, hardy plant. The best plant known for hedges. May be trimmed to any form, is nearly evergreen, thornless. A fast grower, and without the objectionable features of other hedge plants. Fine habit and foliage. Three-year plants, two and a half to three feet high, $6.00 per 100, $55 per 1000, express not prepaid. Two-year plants, fifteen inches high, $4.00 per 100, $35 per 1000, express not prepaid.

BERBERIS THUNBERGII. A handsome low-growing form of Barberry of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red and make a great display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge. Each, 25 cents.

SPIRÆA, ANTHONY WATERER

Hardy Climbers



CLEMATIS PANICULATA

AMPELOPSIS

Veitchii (Japanese or Boston Ivy.) This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this beautiful climber assumes its greatest beauty, changing until it is a glowing mass of the brightest shades of crimson, scarlet, and orange. Hardy. Strong vines, 25 cents; two for 40 cents; dozen, $2.00.

Quinquefolia, or Virginia Creeper. Sometimes called American Ivy and Woodbine. A rapid grower. Foliage crimson in autumn. Each, 20 cents.

CLEMATIS

The Clematis is the favorite climber of the world. It makes a rapid growth, producing its showy flowers in great profusion. In the fall give the plants a good top-dressing of well-rotted manure. The following spring spade it in carefully, mixing well with the soil, and it will prove very beneficial. Hardy.

Henryi. Fine large cream-white flowers. The best white variety. A strong grower, and very hardy; a perpetual bloomer. Each, 50 cents.

Jackmanni. Flowers large, intense violet-purple; produced in great profusion; blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. Each, 40 cents.

Madame Edouard Andre. A valuable new variety; distinct new color; fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called Crimson Jackmanni. Each, 40 cents.

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Each, 25 cents; two for 40 cents; per dozen, $2.00.

The Set of four Clematis for $1.30.

HONEYSUCKLE

The different varieties of Honeysuckle are esteemed among the most desirable hardy climbers. They grow with great freedom in any good garden soil. Hall's Japan Honeysuckle is remarkable for the persistency of its leaves, the foliage usually remaining green and apparently perfect long after severe freezing weather. On this account it is very desirable to train over a porch.

Heckrotti. **New Sweet Scented Everblooming Honeysuckle.** A magnificent variety, the finest yet produced. Remarkable for the large size and delicious fragrance of its flowers; color bright carmine red, with yellow and buff markings at the ends of the tubes. A healthy and vigorous grower and blooms continually the whole season. Each 30 cents; dozen $3.00.

Hall's. An evergreen variety from Japan. Flowers pure white, changing to yellow. Very fragrant. Each, 25 cents; two for 40 cents; per dozen, $2.00.

DUTCHMAN'S PIPE

Aristolochia Sipho. The Aristolochia is a floral curiosity. It is a rapid-growing hardy climber, attaining a height of thirty or more feet. It has large leaves, ten inches across, with curious pipe-shaped, yellowish-brown flowers an inch and a half long. Strong plants, each, 50 cents; dozen, $5.00.

WISTARIA MAGNIFICA

The Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy. Extra strong roots, 30 cents.

AKEBIA QUINATA. A Japanese, hardy, climbing plant, with purplish flowers, purplish mottled berries and handsome compound leaves composed of five leaflets. An interesting plant. Each 25 cents.

CHINESE MATRIMONY VINE. A vigorous and hardy climber. Flowers bright purple, succeeded by scarlet berries nearly one inch long. Excellent for trellises. Each, 25 cents; two for 40 cents.

IVY. English. The old popular variety. Hardy. Each, 20 cents; two for 30 cents; two-year old plants. each 40 cents; two for 60 cents.

PERENNIAL PEA. Flowers pink, in clusters. Hardy. Each, 15 cents; two for 25 cents.

TRUMPET VINE. Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage is also very beautiful. This plant on the lawn makes a pretty bush if the tops are cut back. Each 25 cents.

HALL'S JAPAN HONEYSUCKLE

ROSES

THE flowers of the Hybrid Perpetual class are generally large, double, and very fragrant; and being perfectly hardy, these Roses may be planted out in the open ground and left all winter without any protection, and will for years continue to yield an immense crop of flowers in June, and many of them will bloom freely throughout the season. If you wish to have flowers constantly in bloom, you must feed them well to bring them to perfection; they must have a very rich soil if you wish them to do their best. Do not let them suffer for want of water during the growing season; this is a matter of great importance.

Strong 1-year field grown, each 25 cents; per dozen, $2.50.
Strong 2-year field grown, each 40 cents; per dozen, $4.50. } Except where noted.

American Beauty. One of the largest and most beautiful of the hardy Roses. Flowers very large and double, and delightfully fragrant. Rich rosy crimson color. Plant a strong grower and continuous bloomer. It will make a much stronger growth if not allowed to bloom the first summer. Pinch off the larger portion of the buds—better, all of them. This will not be necessary the second season, as the plant will then be strong enough to make both growth and bloom. We offer two sizes of plants. **Young plants, from 2½-inch pots, each 20 cts.; two for 35 cts. Extra strong plants, each, 50 cents; two for 80 cents.**

Anne de Diesbach (Glory of Paris). Brilliant crimson; long pointed buds; large, finely-formed, compact flowers; very sweet; free bloomer. Valuable for forcing, and a superior garden sort.

Baron de Bonstetten. A splendid shade of dark red, changing to velvety maroon. 2-year plants only.

Caroline Marniesse. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds, also very effective for massing in any position. The flowers are pure (or slightly creamy) white, medium size, very double, and sweetly tea-scented.

Coquette des Alps. White, sometimes tinged with pink; flowers in clusters.

Clio. Flowers large, of fine globular form; flesh-color, shaded in center with rosy pink. Vigorous grower and handsome foliage. One of the finest new Roses. 2-year plants only

Francois Levet. Cherry-red; flowers of large size, well formed; very free bloomer and of vigorous growth. An excellent Rose.

Gen. Jacqueminot. Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.

John Keynes. Dark velvety-crimson. Plant very sturdy and compact. A free and prolific bloomer.

La France. Silvery rose, changing to pink; beautiful both in flower and bud. A most constant bloomer. 2-year plants only.

La Reine. A beautiful, clear, bright rose; full form; very fragrant.

Madame Plantier (Hyb. China). Summer bloomer; pure white.

Marchioness of Londonderry. A white, free-flowering Hybrid Perpetual. Flowers of great size, measuring five inches across, perfectly formed and carried on long stems; color very white; petals of great substance, shell-shaped and reflexed. Highly perfumed. Growth vigorous and foliage very handsome. One of the finest. 2-year only.

KAISERIN AUGUSTA VICTORIA

Magna Charta. A general favorite, prized on account of its strong, upright growth and bright healthy foliage, as well as for its magnificent bloom. The color is a beautiful bright pink, suffused with carmine.

Margaret Dickson. Distinctively a garden Rose, and the best white Hybrid Perpetual; combining the sterling qualities of entire hardiness, vigorous growth, and repeated blooming, with the fragrance, beauty of form, and waxy texture of the finest Tea Roses. The flower is of magnificent form and very large. In color it is the most beautiful waxy-white, shining with almost the luster of a pearl. 2-year only.

Mrs. John Laing. Delicate pink; large, fine form; very fragrant. Flowers continuously in the open ground. 2-year only.

Mrs. R. G. Sharman Crawford. Deep rosy pink, outer petals shaded pale flesh; white at base. Strong growth; continuous bloomer

Paul Neyron. Probably the largest Rose in cultivation, and one of the best bloomers. Color a bright shining pink, clear and beautiful. The plant is an exceptionally strong grower, often making shoots four to five feet in one season, each shoot bearing an immense flower. A rose we highly recommend.

Prince Camille de Rohan. Rich, dark, velvety crimson, shading to maroon; very double and sweet.

Ulrich Bruner. Brilliant cherry-red; fine form and finish. Plant vigorous and hardy. One of the best.

Vick's Caprice. Flowers large, soft satiny pink, distinctly striped and dashed with white and carmine. Is beautiful in bud form, being long and pointed, showing the stripes to great advantage. Blooms continuously through the summer. Desirable for cutting.

Kaiserin Augusta Victoria

Pearly white, softly tinted with lemon in center; fragrant. A strong, healthy grower, with bold, beautiful foliage. Particularly hardy, and one of the most beautiful Roses in cultivation. **Each, 15 cents; per dozen, $1.50. Strong, 2-year plants, each 40 cents; per dozen, $4.00.**

Killarney

A grand new Hybrid Tea Rose, perfectly hardy and a perpetual bloomer. The color is a bright sparkling pink; flowers very large, and the buds long and pointed. **Each, 20 cents. Two-year plants, each 40 cents.**

Frau Karl Druschki

A new hardy Rose and a grand variety. The flowers are large and full; buds long; color a pure white. The plant is a very vigorous grower and produces flowers throughout the entire season. **Two-year plants, 50 cts. each.**

New Hardy Yellow Rose
Soliel d'Or

Soliel d'Or is a cross between Persian Yellow and Antoine Ducher. It retains a good deal of the character of Persian Yellow, the bark and wood being reddish, the thorns very fine, the foliage more ample, and the leaves, of a beautiful clear green, are closer together. This magnificent variety is perfectly hardy, robust, and vigorous, making a growth of about three feet in height. The buds are conical-shaped, of a lovely hue, the flower when expanded being well incurved and about three and a half inches in diameter. Superb in color, varying from gold and orange-yellow to reddish gold, shaded with nasturtium-red.

Strong plants, each 50 cents; per dozen, $5.00.

CLIMBING ROSES

The hardy Climbing Roses grow with great rapidity, and will cover an old building or wall in a very short time. They bloom after the Hybrid Perpetuals, and produce their flowers abundantly in large clusters.

One-year plants, 20 cents each; per dozen, $1.75.
Two-year plants, 40 cents each, or two for 75 cents; dozen $4.00.

Baltimore Belle. Pale blush, nearly white.
Queen of the Prairie. Rosy red, fine.

Everblooming Climbers

Each, 15 cents; the set for 60 cents.

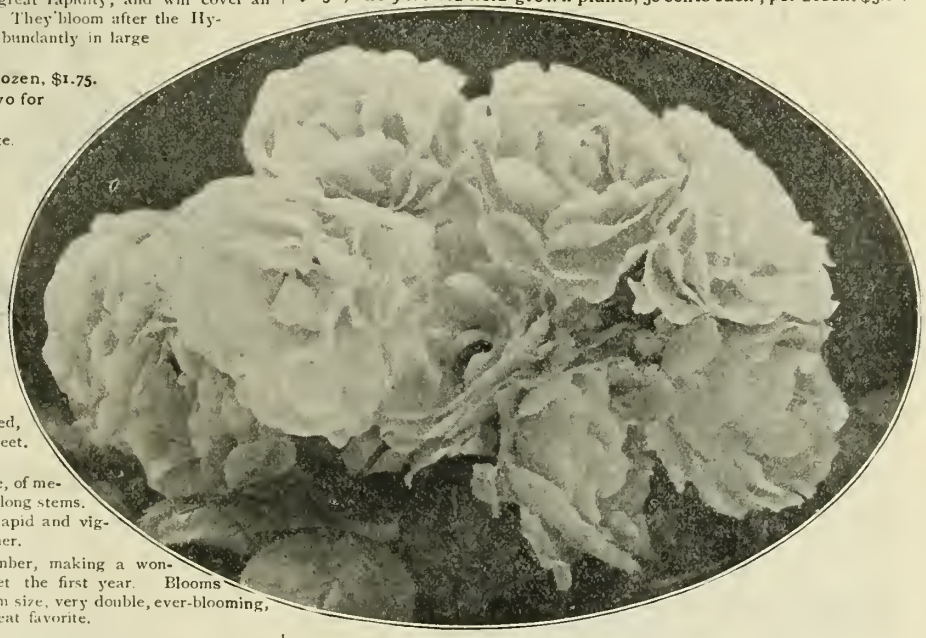
America. Fawn-colored flowers; buds beautiful; very strong grower.

Empress of China. The best of the large-flowering varieties. Flowers bright pink. After the plants have become established, it blooms continuously throughout the summer. Hardy. One of the best.

James Sprunt. Flowers deep cherry-red, medium-sized and very double and sweet. A strong grower and profuse bloomer.

Mary Washington. Flowers pure white, of medium size, perfectly double, and borne on long stems. Fragrance tinged with a musky odor. Rapid and vigorous grower. Hardy. Perpetual bloomer.

Climbing White Pet. Very rapid climber, making a wonderful growth, often ten to fifteen feet the first year. Blooms profusely. Flowers pure white, of medium size, very double, ever-blooming, fragrant. Hardy. Bound to become a great favorite.



NEW CLIMBING ROSE, TAUSENDSCHON

Dorothy Perkins

A hybrid of Rosa Wichuraiana and Mme. Gabriel Luizet. In its foliage, growth, and habit of blooming, it is similar to Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are very sweetly scented, a characteristic not possessed by most other Ramblers.

Strong one-year plants, each, 20 cents; per dozen, $1.75.
Two-year plants, each, 40 cents; per dozen, $4.00.

Climbing Clothilde Soupert

This grand new hardy everblooming Rose is undoubtedly one of the most beautiful and satisfactory of all the hardy ever-blooming climbing Roses yet introduced. The flowers are similar to the well-known Clothilde Soupert, borne in clusters, and are of very large size. Color beautiful creamy-white, deepening in the center to a clear bright pink, and sometimes both red and white Roses are borne on the same bush.

Strong young plants, each 15 cents; per dozen, $1.50.
Extra strong plants, from 4-inch pots, each 30 cents; per dozen, $3.00.

Helene, the New Climbing Rose

A seedling from Crimson Rambler. It is of very robust growth, throwing up canes ten to fifteen feet high in a single season. The color is a pure soft violet-rose, almost blush; base of petals yellowish. The buds are carmine, finely ciliated or mossed, and are borne in clusters of from twenty-five to fifty. Perfectly hardy.

One-year plants, each, 20 cents; per dozen, $1.75.
Two-year plants, each, 40 cents; per dozen, $4.00.

New Climbing Rose Tausendschon

This beautiful novelty surpasses all other climbing roses, in growth, foliage and beauty of flower. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose-color, changing to rosy-carmine. The plant is of strong, vigorous growth, perfectly hardy, and a good variety to plant where a strong climber is desired. This rose is nearly thornless. The shining, dark green foliage is never attacked by disease or insects. A first class rose for covering fences, walls, verandah, etc. **Strong one-year field grown plants, each, 20 cents; per dozen, $1.75.**

Baby or Dwarf Crimson Rambler
Madame Norbert Levavasseur

This beautiful novelty produces clusters of flowers as large as the old Crimson Ramhler. The color is a charming brilliant red, and it blooms with great profusion. This rose blooms all summer, and is bound to be the most popular bedding Rose ever sent out. As a pot Rose it has no equal, as it is a continuous bloomer. **Strong young pot plants, 15 cents each; per dozen, $1.50; one-year old field-grown plants, 30 cents each; per dozen, $3.00.**

Amy Muller, or Pink Baby Rambler

This grand novelty is a fitting companion to the well-known crimson Baby Rambler. The plants branch freely and attain a height of about eighteen inches. The showy brilliant rose-colored flowers are produced in the greatest profusion from June until fall. Each individual flower measures about two inches in diameter. The petals are sometimes twisted which gives the flower a very unique appearance. **Strong one-year field grown plants, each, 20 cents; per dozen, $2.00.**

Lady Gay
A New Pink Rambler Rose

The following is from the introducer's description: "A seedling from the popular Crimson Rambler, which it resembles in habit and general effect. The flowers are of a delicate cherry pink color, which fades to soft white. The foliage is very profuse and of a glossy deep green shade. The effect of a plant in full bloom, with the combination of the soft white flowers, the cherry-pink buds, and the deep green foliage, is most charming. Flowers are numerous and of good size; they are also delicately perfumed. The plant is a vigorous grower and perfectly hardy. This is a rose of the highest merit, and far superior to the Crimson Rambler. This is a new color in a Rose, of which one will not become tired, as is the case with the Crimson Rambler."

Strong one-year field grown plants, each, 20 cents; dozen, $1.75.
Two-year plants, each, 40 cents; per dozen, $4.00.

The Rambler Roses

The Ramblers have grown in favor so rapidly and are so well known that it is not necessary to devote space to a long description of these wonderfully beautiful and useful hardy climbers. They are suitable for training on walls, verandas, trellises, arbors, and pillars, and as specimen pot plants for winter forcing. The flowers are well formed and, though small, are produced in so great profusion as to present an immense mass of bloom. Many of our customers report that single plants when in bloom showed thousands of flowers.

Crimson. White. Yellow. Pink.

One-year plants, each, 20 cents; set of four for 70 cents; dozen, $1.75.
Two-year plants, each 40 cents; set of four for $1.50; per dozen, $4.00.

Philadelphia Rambler

This Rose is a cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual Victor Hugo, and is identical with the Crimson Rambler except that the color is a brighter crimson, and never fades; is a valuable acquisition to the list of climbing Roses.

One-year plants, each, 20 cents; per dozen, $1.75.
Two-year plants, each 40 cents; per dozen, $4.00.

New Hardy Everblooming Rose
Gruss an Teplitz

Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, blooming continually, and covered with flowers the whole season. The mass of color produced is truly phenomenal, and the foliage extremely beautiful, all the younger growth being of a bronzy plum-color. **Each, 15 cents; per dozen, $1.50.**

Persian Yellow

The Rose of our mother's gardens, and one that should be in every garden to-day. In the craze for new varieties many of the fine old sorts are neglected for those of more recent introduction, and in many instances they are inferior to the old standard varieties. Flowers nearly double, borne in immense clusters. Color a deep golden yellow. The plants are a perfect mass of flowers in June.

Strong, 2-year plants, each, 40 cents; dozen, $4.00.

Polyantha Roses

Each, 15 cents; per dozen, $1.50.

Clothilde Soupert. Flowers of medium size, double, and beautifully formed, oval at first, but flattening as they expand; the color is pearly white at the outer edge, shading to a center of rosy pink, sometimes varying to nearly pure white. Very fragrant. Constant bloomer.

Madame Cecil Brunner. Plant of dwarf growth, excellent for bordering beds. Color salmon-rose on a yellow ground. This Rose is very fragrant.

White Soupert. Pure white, full and double flowers; fragrant.

Yellow Soupert. Flowers very double, bell-shaped, and open like a Camellia. Petals tinted white on a beautiful light yellow ground, extending to middle of petals. Plant dwarf and free-flowering.

Wichuraiana or Memorial Rose

A Japanese variety of value and distinction. Its stems creep on the ground, after the habit of Ivy. The flowers grow in profusion, in clusters at the ends of the branches. Flowers pure white, with yellow stamens, and very fragrant. Valuable for use in cemetaries and covering rockeries, etc. Hardy.

Extra strong one-year plants, each, 20 cents; per dozen, $1.75.

MOSS ROSES

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

Extra strong one-year, field-grown plants, each, 20 cts; dozen, $1.75.

Comtesse de Murinais. Flowers white, sometimes tinged with flesh-color; large, double, cupped; buds heavily mossed. One of the best Moss Roses.

Henri Martin. A magnificent Moss Rose. Extra large, and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madame de la Rochlambert. Bright pink.

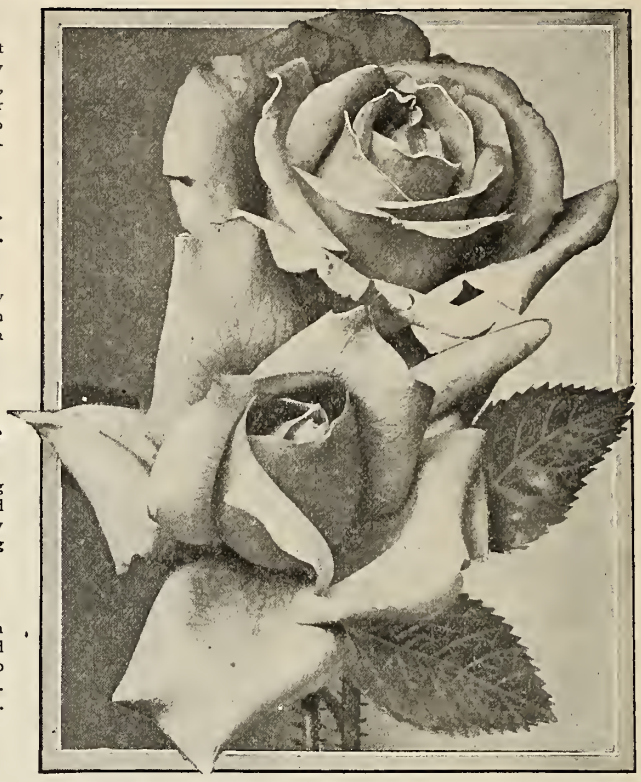
Princess Adelaide. Pale rose. Good in the bud and flower. Foliage dark.

White Bath. The extra large, full, very double flowers, of the purest snowy white, come in large clusters, and are delightfully perfumed.

Cumberland Belle

A grand true Climbing Moss Rose. A sport from that pretty Moss Rose, Princess Adelaide. Fully equals in vigor of growth the Crimson Rambler and other rampant growers. In color it is a bright silvery rose, very double, the buds nicely mossed and exquisitely fragrant.

Strong one-year plants, each, 20 cents; per dozen, $1.75.



SYLPH AND MAMAN COCHET EVERBLOOMING ROSES

Monthly Everblooming Roses

Dozens of flowers can be cut from a bed of Monthly Roses every day, from June to November. To be successful with Monthly Everblooming Roses, you must have rich soil for them to grow in. Old, well-rotted manure, is the best fertilizer; a bright, sunny location; and in hot, dry weather, a good thorough soaking with water each day; and you will have plenty of delightfully fragrant flowers.

Fine strong plants, 15 cents each; $1.50 per dozen.

Small capitals are as follows to indicate classes: T, Tea; H. T. Hybrid Tea; C. China; B. Bourbon; N. Noisette.

Bon Silene. Rich crimson shade, beautifully tinged with salmon. T.

Crimson Hermosa (Queen's Scarlet). Flowers large, and of a fiery scarlet.

Francisca Kruger. Flowers large, coppery yellow, shaded with peach. T.

Gen. de Tartas. Carmine, shaded purple. T.

La Princess Vera. Rich ivory-white, shaded with coppery yellow.

Marion Dingee. Color deep crimson, changing to carmine.

Maman Cochet. Deep rosy pink, the inner side of petals silvery rose. T.

Marechal Neil. Yellow, tea-scented. T.

Marie Guillot. White, tinted with pale yellow; large, full, and of fine shape. T.

Meteor. The deepest glowing crimson; flower of medium size. H. T.

Papa Gontier. Brilliant carmine, changing to pale rose. T.

Perle des Jardins. Rich shade of yellow; very perfect in form. T.

Pink Hermosa. One of the best known of all Roses grown. Perfectly hardy.

Princess de Sagan. The richest crimson Rose in our collection.

Sylph. Delicate pink; flowers large with a high center and deep stiff petals.

White Maman Cochet. This grand new Tea Rose is a sport from Maman Cochet. Flower extremely large, round and full; a pure white. T.

White Hermosa (Marie Lambert). Resembles the Pink Hermosa in form

Yellow Hermosa (Coquette de Lyon). A most charming yellow Rose.

TENDER PLANTS AND BULBS

CARNATIONS

The delicately rich and grateful odor, in connection with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers, and yields an abundance of bloom all summer. The plants may be potted in September, watered and shaded a few days, and they will bloom all winter, in a bright sunny window. Our list embraces a large assortment of colors, and the best of the standard varieties.

Each, 15 cents; three for 35 cents; seven for 70 cents. The set of seventeen for $1.50.

Boston Market. Pure white. A marvel for early and continuous blooming.
Dorothy Whitney. Deep yellow, with faint markings of light pink.
Eldorado. Beautiful shade of yellow.
Enchantress. Delicate shade of shell-pink, deepening towards the center; very large flower.
Francis Joost. Bright pink; early and free.
G. H. Crane. A model scarlet Carnation. Flowers produced on stiff stems sixteen to eighteen inches in length. An early and continuous bloomer.
Genevieve Lord. Flowers unusually large, three to four inches in diameter, of perfect form, and never burst. They are of a beautiful shade of pink, and are borne on very long stiff stems.
Harlowarden. Large flower of bright crimson, with scarlet shadings.
Lady Bountiful. Pure glistening white.
Mrs. Thomas W. Lawson. Immense size—from three to four inches in diameter—long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light.
Mrs. M. A. Patten. Pure white, beautifully marked with cerise pink.
Red Jacket. A strong, robust grower; color brilliant scarlet.
Rose Pink Enchantress. Color rose pink; large flower.
The Queen. Pure white; flowers very large.
Victory. Brilliant scarlet.
White Enchantress. Pure white.
Winsor. Silvery pink.

ASPARAGUS

Sprengeri. One of the most rapid-growing plants that we know of, making great masses of fine feathery foliage in a very short time. The stems grow several feet in length, and are valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well. Each, 20 cents; two for 30 cents.

Plumosus nanus, or Lace Fern. Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Maiden Hair Fern in delicacy of texture. Splendid as a pot plant and for decorative purposes. Each, 20 cents; two for 30 cents.

BEGONIA REX—*The* King *of* Begonias

The Rex varieties are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. We have several distinct varieties of the Rex Begonia.

Each, 20 cents; three for 50 cents.

COLEUS

Each, 15 cents; one each of set of five for 50 cents.

Anna Pfister. Leaves are pointed with deep scalloped edges, giving it a Croton-like appearance. Color of the foliage is a bright golden yellow, intermingled with green and crimson. Habit of growth compact and bushy.
Duneira. Leaves very large. Color various shades of crimson.
John Pfister. The same character of foliage, growth and habit as the Anna Pfister, the difference being in the coloring of the foliage, which is a bright crimson, edged and topped with old gold. Very striking.
Lyons. A beautiful new yellow variety, with handsome markings.
Sensation. Crimson maroon. Center lighter red. Extra fancy pot plants.

HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Lady Cook. Dark violet. **Madame de Blonay.** Pure white

Each, 15 cents; three for 35 cents; dozen, $1.25.

FERNS FOR DECORATION

Ferns cannot be dispensed with in elaborate decorations for the parlor. A single plant of the Dwarf Boston Fern is as useful in producing a graceful effect as any plant we know of. In planting a fernery do not crowd them, but give them room for the development of the fronds; their growth is rapid, and many varieties soon double their original size. Be your own florist and fill your fern dishes at home. Five of the best and hardiest varieties are sufficient to fill a fern dish eight inches in diameter. **Each, 15 cents; the set of six for 75 cents.**

Adiantum cuneatum. The popular Maiden-Hair Fern.
Aspidium Tsussimense. A pretty species with dark green foliage.
Cyrtomium Falcatum. Large green glossy leaves.
Pteris Cretica albo-lineata. A pretty and useful variegated variety; leaves green and white.
Polystichum setosum. Foliage dark green.
Peteris Wimsetti. Fine for fern pans and house culture; finely crested.

The New Dwarf Boston Fern, Nephrolepsis Scotti A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful recurving form. Plants of small size make nice specimens in a short time. For house culture we recommend it as a plant that will please all, and one of the best that we offer this season. Strong young plants each, 20 cents; dozen, $2.00.

New Ostrich Feather Fern, Nephrolepsis Barrowsii This beautiful fern may be described as a dwarf form of Nephrolepsis Piersoni. The leaves are wide and the decided feathery appearance of the plant is very striking. A wonderful variety and should be in every collection. Each, 20 cents; per dozen, $2.00.

FERN, NEPHROLEPSIS WHITMANI

Nephrolepsis Whitmani. The plumy appearance of the foliage makes this variety unquestionably the most striking among all the Nephrolepsis. The plant is quite dwarf in growth, and the leaves very wide; a grand fern. Each 20 cents; per dozen, $2.00.

Boston Drooping Fern. One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully over on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive. Fine plants, each, 20 cents; dozen, $2.00.

Nephrolepsis Amerpholi. The latest addition to the Ostrich Plume type, and is the most delicate and graceful. The fronds are broad, and of a depth that gives them a cushion-like appearance. Each, 20 cts; doz., $2.00.

Special offer. We will send one fine plant each of the above five ferns for 75 cents.

SILK OAK

Grevillea robusta. A beautiful plant for decorative purposes; of quick growth and very easy culture. The leaves are a light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed. Each, 20 cts.; two for 30 cts.

Chrysanthemums *The Reigning Queen of the Autumn Floral Kingdom*

WHO does not admire the "Queen of Autumn," the handsomest of all autumnal flowers, and easily cultivated in almost any soil? In warm seasons it flowers well in October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room, in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light.

Each, 15 cents; dozen, $1.25; eighteen for $1.75, except as noted

Alice Bryon. A magnificent snow-white variety.

Col. D. Appleton. A grand yellow, incurved, of large size. Early.

Cullingfordii. Rich crimson, shade scarlet.

Ivory. Dwarf. Free flowering, snow white, incurved, very large, perfect form.

J. K. Shaw. Large incurved flowers—a beautiful shade of pink.

Major Bonnaffon. Soft yellow, incurved type; flower large and full.

Marie Liger. Deepening to rosy lavender at the base of the petals.

Maud Dean. Extra large flowers, petals broad, incurved; color light rose.

Mrs. Elmer D. Smith. Color, intense yellow.

Mrs. Jerome Jones. Waxy white; good stem and perfect foliage.

Mrs. W. B. Chamberlain. The color is a lovely shade of pink, very disitnct.

Nagoya. Very large Japanese; color, golden yellow.

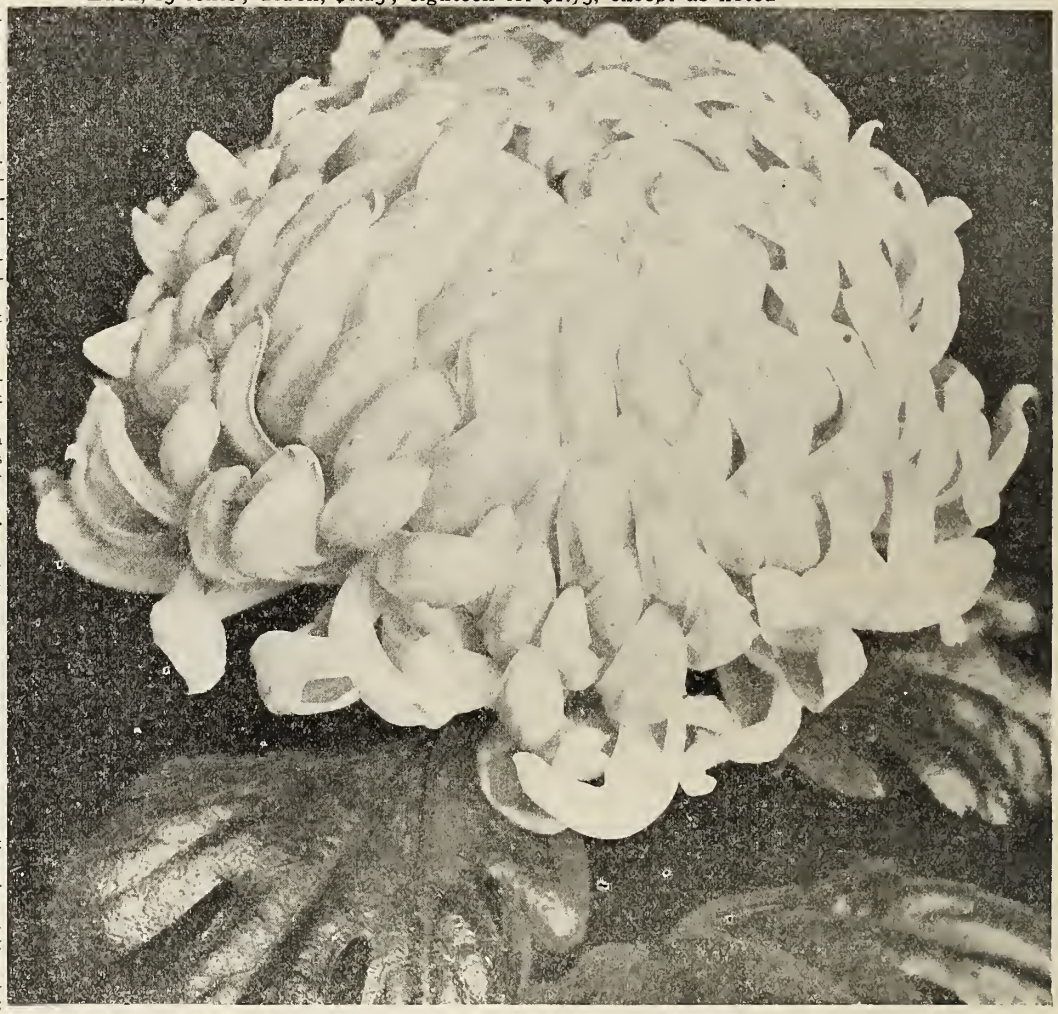
October Frost. Large spreading, pure white flowers.

Pink Ivory. Beautiful shell-pink. A sport from White Ivory.

Timothy Eaton. A creamy white.

Wm. H. Chadwick. Immense and striking bloom of waxy-white.

Wm. Duckham. Flowers of the largest eize; color, pink.



CHRYSANTHEMUM, MRS. JEROME JONES

Yanoma. Very large, pure white. The latest of all Chrysanthemums.

Yellow Queen. A yellow Japanese incurved variety, of large size.

FUCHSIA

No class of plants are more graceful and elegant than the Fuchsias. The striking contrast of their colors,—white, carmine, rose, and purple,—renders them perfectly charming. **Each 15 cents; dozen, $1.50.**

Avalanche. Corolla violet; sepals crimson.

Bouquet. Flowers of beautiful form; sepals a clear coral color; corolla blue.

Jeanne Summary. Tube and sepals bright crimson scarlet, corolla white.

Jupiter. Tube and sepals scarlet; corolla rich royal purple. Extra large size.

Little Beauty. Tube and sepals bright red; corolla rich purple.

Mary. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.

Storm King. Dwarf grower. Tube and sepals red. Corolla white.

HYDRANGEA

Hardy south of Philadelphia, but are grown at the north as pot plants. Their immense heads of bloom make them very conspicuous. A little shade and plenty of water seems to meet all their needs. Put in the cellar in the fall. For decorative plants on a piazza or porch they produce a fine effect.

Each 15 cents; the set of three for 35 cents.

Jeanne d'Arc. New, a sport from the old favorite Thomas Hogg, having dark reddish brown stems like Red-Branched. Foliage and flowers much larger and more vigorous than either. Flowers pure white, very effective against the dark green foliage.

Red-Branched (Ramulis-coccineis). The smallest plants bear immense trusses of bloom. The branches are of a dark red color, brightening to a clear crimson near the flower heads, which are a beautiful shade of deep rose.

Otaksa. A Japanese variety, with large clusters of pale pink flowers.

We pay the Postage or Express Charges, unless otherwise noted. Most seedsmen require you to pay these items

CANNAS

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. For window boxes, or grown as specimens for the porch, they are unsurpassed.

The Best of the Standard Varieties

Each, 15 cents; dozen, $1.50.

Alphonse Bouvier. Brilliant crimson, but change to a beautiful deep crimson as they more fully expand.
Alsace. Pale sulphur changing to creamy white. A valuable variety.
Beaute Poitevine. Bright crimson, with erect flower-spikes.
Chas. Henderson. Brilliant crimson flowers.
Cinnabar. Cinnabar red, distinctly marked with golden yellow.
David Harum. Bright deep satiny vermilion. Foliage bronze.
Egandale. Soft currant red flowers. Foliage bronze.
Evolution. The flowers are golden yellow, which shades in through various tints of canary, lemon, and sulphur to a center of blush pink.
Fairfield. Rich dark crimson flowers; foliage green.
Florence Vaughan. Flowers of the most brilliant golden-yellow, dotted with brightest scarlet.
Jean Tissot. Brilliant vermilion, with bright orange markings. Foliage green.
J. D. Cabos. Height four feet. Color of flower light orange.
Mlle. Berat. The nearest approach to a pink in a first-class bedder.
Madame Crozy. Flowers crimson-scarlet and gold-bordered.
Pennsylvania. The flowers are pure deep scarlet, of immense size.
President Meyer. The flowers are a rich cherry-carmine; foliage bronze.
Philadelphia. One of the finest crimson Cannas.
President Faivre. Flowers amaranth-red; foliage bronze. A strong, erect grower, especially adapted to massing and as centers of beds. Six feet high.
Queen Charlotte. The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high.
Rubin. Ruby carmine. Foliage bronze.
Robusta. A very fine, tall-growing, dark-leaved variety; eight to ten feet.
Semaphore. Novel color. The flowers are of a pure orange,
Souvenir d'Antoine Crozy. Crimson scarlet, broad yellow border

Orchid-Flowered Cannas

Each, 15 cents; set of four for 50 cents.

Alemannia. These gigantic flowers are the largest grown on Cannas. They are a fine yellow, beautifully mottled with orange-scarlet.
Burbank. Flowers very large, equal to Italia; rich canary-yellow, spreading seven inches; will continue to bloom a week after cutting. A strong grower, with wide, rich green leaves; four feet high.
Italia. Immense flower. Center brilliant red, petals widely bordered with clear yellow.
Parthenope. Flower are extra large and of good substance. Color dark orange, shaded with yellow; showy and distinct; four feet.

Canna Beds

Many of our customers write us in regard to the number of Cannas that it requires to fill a bed of certain dimensions. In answer to this question we offer the following suggestions: *Plant Cannas about 18 inches apart each way; the tall varieties for the center of bed, and the dwarf growers for the border.*

For a round bed 7 feet in diameter it will take 19 plants.
For a round bed 10 feet in diameter it will take 37 plants.
For a round bed 13 feet in diameter it will take 61 plants.

For a **7-foot bed** we will send postpaid **19 plants** in three different varieties, for **$2.25.**

For a **10-foot bed** we will send postpaid **37 plants** in four different varieties, for **$4.00.**

For a **13-foot bed** we will send postpaid, or free by express, **61 plants** in five different varieties, for **$6.50.**

Hardy Pompon Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and also very desirable for growing as pot plants, being dwarf, compact growers, and free bloomers. They are perfectly hardy, blooming before severe frosts will hurt the flowers.

Each, 15 cents; dozen, $1.25; set of eighteen for $1.75.

Alma. Beautiful pink.
Anna Mary. Creamy white, tipped pink.
Crimson Ball. A beautiful deep crimson.
Delicatissima. Center deep wine color, outer petals delicate pink.
Drin Drin. Smallest; pure yellow.
Druid Hill. A light mahogany-crimson.
Edna. White, with pink shadings and yellow center; good size and nice form.
Fairy Queen. Beautiful combination of pink and yellow.
Gold Finch. Golden bronze.
Gold Standard. A deep golden yellow.
Iris. Small flower, red.
Julia Lagravere. Crimson-maroon.
Maid of Honor. Blush white.
Orea. Light pink.
Pink Beauty. Fine pink and white.
Prince of Wales. Pure white.
St. Illoria. Silvery pink.
Tissi. Pink, golden yellow center.

LARGE-FRUITED LEMON

Ponderosa

A true ever-bearing variety. On a plant six feet high no less than eighty-nine of these ponderous lemons were growing at one time. The tree was blooming, and at the same time had fruit in all stages of development, from the size of a pea up to the ripe fruit. Fruit weighing over four pounds had been taken from this tree. The lemons have very thin rind for such large fruit. It is the juiciest of all lemons, makes delicious lemonade, and for culinary purposes cannot be excelled. It fruits when quite small, and makes a lovely house plant. Thrifty young plants, each, 25 cents; two for 40 cents.

OTAHEITE ORANGE

The great beauty, novelty, and popularity of this plant is indeed wonderful. It blooms most freely during winter, though it is likely to bloom at any and all times of year. With one or two pots of it anyone can raise an abundance of delicate and fragrant orange blossoms. It is a dwarf orange, which grows, blooms, and fruits freely in pots. Fruit about one-half the size of ordinary oranges. Strong plants, each, 20 cents; extra strong plants, each, 35 cents.

GERANIUMS

THE improvement in the Geranium, both in the size of the individual flower and the truss, is wonderful when compared with the flower of a dozen years ago. Many of the single flowers are larger than a silver dollar, and the trusses are immense balls of living color; while in color we find from the purest white to delicate rose, brilliant scarlet, richest crimson, and many other shades. The foliage varieties are also much improved. The bronze-leaf, with its margin of gold, zoned with chocolate and crimson, are very fine. The ivy-leaved section also shows great improvement, the flowers being equal in size and color to the best double and single Geraniums of the ordinary type.

Plants, each, 15 cents; three for 40 cents; six for 80 cents; twelve for $1.50.

SINGLE.

Gen. Galliene. Intense crimson.
General Grant. Scarlet. This old sort still retains popularity as a bedder.
Jumbo. Very fine scarlet.
Marguerite de Layre. A fine, strong, free grower; pure white flowers.
Queen of the Whites Improved. Pure white.
Telegraph. A pleasing shade of deep orange cerise; robust and free-flowering.

DOUBLE.

Alphonse Ricard. Bright orange-red. Trusses very large.
Beaute Poitevine. The color is a bright salmon-pink.
Countess de Harcourt. Pure snow-white.
Double General Grant. Scarlet; fine bedder.
Heteranthe. Bright scarlet.
Jean Viaud. Flowers semi-double, brilliant rose, beautiful white spots.
La Pilot. Very dark scarlet.
La Favorite. The best pure white.
Madame Jaulin. Center of flower delicate pink, bordered with pure white.
Madame la Comtesse de Baume. A charming bright pink; fine large bloom.
Madame Landrey. Clear salmon, center shading to copper, with white eye.
Madame Buchner. Double; snow-white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings. Rather tall; vigorous grower. Truss large. One of the finest bloomers.
Toronto. Bright salmon. Flowers and truss of large size. A grand bedder.

TRICOLOR.

LEAVES VARIEGATED. Prized for the beauty of the foliage.
Mrs. Pollock. Flowers scarlet.
Happy Thought. A tricolor geranium, with very dark green foliage, having a light, creamy, almost white center, with a dark band about the light zone.

DOUBLE IVY-LEAF.

This class has thick, glossy, Ivy-shaped leaves. The plants are drooping in habit, and excellent for baskets, vases, and house plants.

Jeanne d'Arc. White, suffused with lavender. Double.
Leopard. The color is clear lilac-pink, the upper petals being heavily blotched with deep crimson, and marked with maroon dots.
Souvenir de Chas. Turner. Double; deep pink, maroon in upper petals.

SWEET-SCENTED.

Dr. Livingstone. Leaves finely divided, very fragrant.
Rose. This is the most desirable of the scented varieties.

BRONZE.

The leaves of the Bronze Geraniums show the most beautiful shades of yellow or brownish red, the foliage being as handsome as the flowers.

Black Douglas. Flowers salmon. Foliage golden yellow; red zone.
Exquisite. Leaf light yellow ground, chocolate zone. Flowers salmon.

RUBBER PLANT

Ficus elastica. This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves resist the dirt and gas to which plants in dwelling houses are exposed. Strong plants, each, 50 cents; larger plants, 75 cents, and $1.00 each.

SALVIA

Each, 15 cents; per dozen, $1.50.

Clara Bedman or Bonfire. A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers.
Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers.

PALMS

First size, eighteen to twenty inches high; second size, eight to twelve inches high; third size, strong young plants from three-inch pots.

Sent by Mail or Express, charges prepaid, at prices quoted.

Kentia Belmoreana. Graceful arching leaves, with long, terete, shining, yellowish-brown petioles; divisions of the leaves, twenty to thirty in number, strap-shaped, deep green in color. This palm will stand a great deal of ill-usage and maintain a good appearance. First size, $1.25; second size, 85 cents; third size, 35 cents.
Kentia Forsteriana. The beautiful "Thatch Palm," similar to the last, but the petioles are a brighter green and the leaf divisions narrower, more delicate and graceful. A handsome Palm for table decoration. First size, $1.25; second size, 85 cents; third size, 35 cents.
Latania Borbonica. Has fan-shaped leaves, split into divisions at the apex, and, frequently there are threads hanging between the divisions. A strong, vigororous plant, and makes a fine appearance in the window, or in contrast with other plants. First size, $1.15; second size, 50 cts.; third size, 25 cts.

PRIMROSE

Mexican Primrose. A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture. Each, 15 cents; two for 25 cents.
Primula obconica grandiflora. Perpetual blooming, bearing large trusses of flowers on long stems well above the foliage. Color pale lilac, shading to white. Requires cool temperature. Of easy culture. Each, 15 cents.

UMBRELLA PALM

Cyperus alternifolius. A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. Each, 15 cents; three for 30 cents.

TWO USEFUL HERBS

English Lavender. Each, 15 cents; two for 25 cents.
Mammoth Broad-Leaved Sage. Each, 15 cents; two for 25 cents.

OLEANDER. **Splendens variegata.** Large, double, pink flowers, produced early in the season; glossy green leaves with a broad margin of creamy white. Each, 25 cents.
Double Pink. The old variety. Each, 25 cents.

Tender Climbing Plants

IPOMŒA—Moonflower

Ipomœa Bona Nox. Offered under various names, such as Good Night, Evening Glory, and the like. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition. Tender climber. Each, 20 cents; dozen, $2.00.
Ipomœa Leari (Blue Moonflower). A splendid companion to plant with Ipomœa Bona Nox. Flowers six inches across, of intense violet-blue, with reddish purple rays. Tender climber. Each, 20 cents; per dozen, $2.00.

One plant each of Ipomœa Bona Nox and Leari for 30 cents.

NASTURTIUM—Double

Golden Wonder. One of the finest plants grown for covering rockeries or trellises. The color is a bright golden yellow, with a dash of scarlet in the center of each petal. Flowers perfectly double, and borne in great numbers throughout the whole year. Tender. Each, 20 cents.
Sunbeam. A strong, vigorous, climbing vine, resembling the common Nasturtium in habit and foliage. The flowers are one or two inches in diameter, perfectly double like Roses, and borne in great profusion all through the season. The color is a beautiful shade of bright orange-red. Tender. Each, 20 cents.

One plant of each of the two varieties for 30 cents.

JASMINE. **Jasminum grandiflorum.** A favorite greenhouse climber or house-plant everywhere; one of the sweetest of flowers. Foliage fine; flowers white, star-shaped and very fragrant, blooming from November till May. Easy of culture. Tender climber. Each, 20 cents.

MANETTIA VINE. **Manettia bicolor.** A beautiful twining plant, flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. Tender. Each, 20 cents; two for 30 cts.

SMILAX. A popular and well-known climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture. Tender. Each, 15 cents; dozen $1.50.

SINGLE AND DOUBLE TUBEROUS BEGONIAS

AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

Fragrans. Flowers three to four inches long; yellow; fragrant; stalks 15 to 18 inches high. Each, 15 cents.

Regine (Equestre). One of the best of the Amaryllis family for winter-blooming. Flowers large, bell-shaped; color light scarlet, throat or center white. Each, 10 cents.

Johnsoni. An elegant pot plant, with crimson flowers five inches in diameter, each petal striped with white. Flower-stalks two feet high, with clusters of three to five blooms. Each, 50 cents.

Formosissima (Jacobean Lily). Eight to ten inches high. Flowers dark crimson. The bulbs are dormant during the winter. Each, 15 cents.

Lutea. Flowers yellow, cup-shaped; free bloomer; very desirable. Each, 15 cents.

CALADIUM

Fancy-Foliaged. The fancy-foliaged varieties are very satisfactory for summer decoration. Leaves striped, blotched, and spotted with white, crimson, and pink; in fact, the variety of color is something wonderful. In the fall they die down, and the bulbs should be kept in the pots in a warm place. Each, 20 cents; dozen, $2.00.

Esculentum—Elephant's Ear. One of the handsomest of the ornamental-leaved plants. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. Leaves three feet or more in length, nearly as broad. There is nothing so good as this Caladium for a grand bed of foliage in the garden. Medium-sized bulbs, each, 15 cents; dozen, $1.50. Large-sized bulbs, each, 25 cents; dozen, $2.50. Mammoth-sized bulbs, each, 35 cents; dozen, $3.50.

GLOXINIA

Gloxinias are among the handsomest of our summer-blooming greenhouse plants. The flowers are gorgeous, and the foliage has a velvety appearance. Bulbs should be started in spring in a warm place. They require partial shade and a liberal supply of water when growing. After blooming, water should be withheld and the bulbs remain dry through the winter.

Red, White, Blue, and Spotted. Each, 20 cents; two for 35 cents; four for 60 cents. Dozen, $1.00.

OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Dozen, 15 cents; hundred, $1.00; by mail prepaid.

Lasiandra. Rosy crimson. **Tetraphylla, (Deppei).** Rosy lilac.

TUBEROUS BEGONIAS

The flowers are brilliant and large, handsomely formed, and of wonderful size, often measuring from four to six inches in diameter. The plants bloom freely all summer, and are fine either as pot or bedding plants, being easily raised and requiring but little attention. They succeed best in a partially shaded situation, but should be protected from severe winds if possible. After the blooming season is over the tubers are dried and either left in the pots or placed in dry sand and kept until the spring, to be started again in February or March.

No class of plants has so marvelously improved in the past few years as the Tuberous Begonias. Persons familiar with the old sorts of Begonias would scarcely recognize this section as belonging to the Begonia family; for, in addition to the marvelous beauty of the flowers, the foliage has been greatly improved, and one will hardly find any two plants with the same kind of leaves.

Double—White, Crimson, Scarlet, Rose, and Yellow; each, 20 cents; two for 30 cents; five for 60 cents; dozen, $1.25.

Single—White, Crimson, Scarlet, Rose, and Yellow; each, 10 cents; three for 25 cents; dozen, 75 cents. The set of five for 40 cents.

Bearded Begonia (B. grandiflora erecta cristata). This curious strain of Begonia has single flowers, of good size, bearing on each petal a dense crest or beard composed of curiously twisted threads, which gives the flower a gay and puzzling aspect. Highly interesting. Mixed colors; each, 25 cents; dozen, $2.50.

CALLA

Little Gem. A dwarf variety of the old Calla, ten to twelve inches high; free bloomer. Each, 15 cents; two for 25 cents.

Alba maculata, or Spotted Calla. Beautiful for pot culture. The foliage is marked in the same manner as that of the Yellow Calla. The bulbs must be kept in dry sand in the winter. Each, 10 cents; dozen, $1.00.

Yellow Calla (Richardia Elliottiana). This plant, like the Common White Calla, is a native of Africa. In mode of growth it is quite like the African or Egyptian Calla, but its leaves are marked with pure white spots. The flowers are nearly as large as those of Richardia Africana, but more urn-shaped, and the color is a rich canary-yellow. Its usual blooming time is late in the spring, and the culture of the plant very much the same as that of the White Calla. Each, 75 cents.

Black Calla. A remarkable variety, flowers large, velvety, purplish black, with coal-black spathe. Each, 20 cents; dozen, $2.00.

MADEIRA VINE

For porches and arbors no other climber gives such rapid and satisfactory results. The thick, dark green foliage forms a fine screen, and the white flowers are very fragrant. Price, strong bulbs, 5 cents each; 50 cents per dozen.

TIGRIDIA

Tigridias are beautiful flowers, delicate as orchids, and showing wonderful blendings of colors. Plant bulbs in May and give the same care as to Gladiolus for winter.

Conchiflora. Yellow and orange, with dark spots. Each, 6 cents; dozen, 60 cents.

Grandiflora alba. A beautiful variety, with large showy white flowers, marked at the base of each division with spots of a reddish brown color on yellow ground. Each, 6 cents; dozen, 60 cents.

Grandiflora lilacea. Beautiful large flower, lilac, purple, and white spots in center. Each, 6 cents; dozen 60 cents.

WATER LILIES—Nymphæa

Nymphæas can be grown in any swampy piece of ground, and even in tubs of water sunk in the ground, or on the surface, and in aquariums in the house, with soil or mud at the bottom. For ponds, if a soft, muddy bottom, tie the root to a stone to sink it, and drop it in near the shore in two or three feet of water.

Nymphæa odorata. Common white Water Lily, very fragrant. Each, 25 cents; dozen, $2.50.

Odorata rosea (Cape Cod Pink.) The choicest of all pink varieties. It is a most satisfactory plant to grow, on account of its profusion of bloom all summer and being as hardy as an oak. Each, 50 cents.

Alba candidissima. The large-flowering variety of Europe. Whenever an abundance of bloom is desired it has no equal. The flowers often measure ten inches across; petals very broad, rounded at the point, and waxy white. Perfectly hardy anywhere. Each, 50 cents.

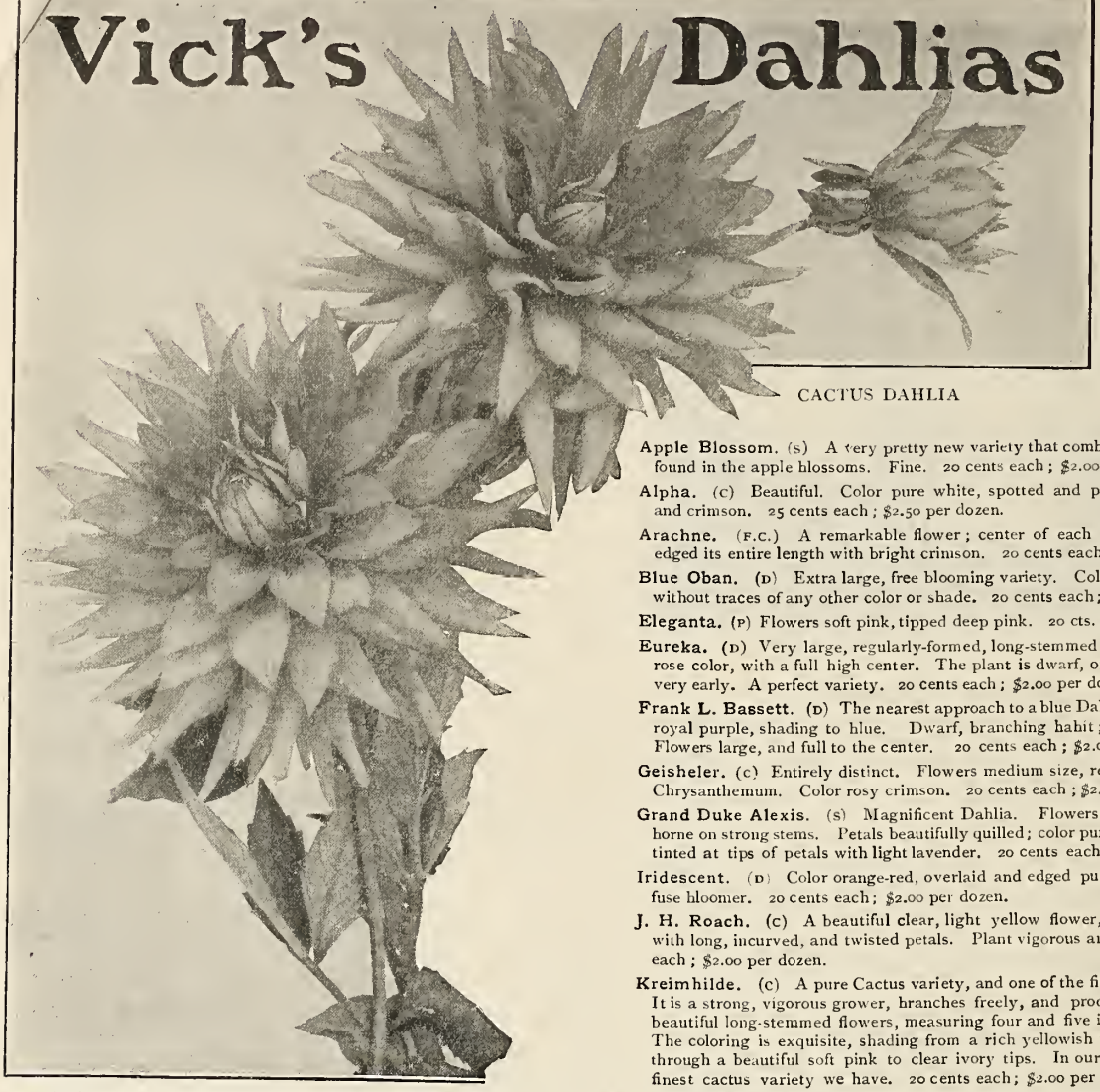
Alba Gladstoniana. The finest white Nymphæa ever offered. Large, strong grower; blooms abundantly from spring till frost. The flowers are of the largest size—from six to eight inches across—with broad, thick, pure, sparkling white petals. Each, 60 cents.

Marliacea chromatella. Flowers eight inches across, are delightfully fragrant, and freely produced. Both stamens and petals are a beautiful lemon-yellow at their bases, exquisitely softening into light creamy yellow at their tips. Leaves dark green, irregularly blotched with brown. Each, 50 cents.

The set of five for $2.15.

Vick's Dahlias

High Grade Stock—true to Name and Color



CACTUS DAHLIA

NO flowers are easier to grow, or respond more readily to care and attention, than Dahlias; but three things are of prime importance: a moderately rich soil, sunshine, and water. Plant about May 1st, covering the tubers three inches deep. If many shoots start up, thin them out to one or two. When the plant is six inches high, cut it off above the second joint. This will cause it to throw out four branches, making a strong, bushy plant, which will withstand winds and produce flowers freely. Cultivate well until they begin blooming; after that, stir only the surface soil, and then just enough to prevent a crust from forming.

The small capital following the name of each variety designates the class to which it belongs, as follows: S: **Show**, round, ball-shaped flowers. D: **Decorative**, intermediate between Show and Cactus. C: **Cactus**, large, loosely formed flowers, with irregular, twisted or reflexed petals. SN: **Single**. F: **Fancy**, striped, mottled, pencilled, or tipped. P: **Pompon**, small ball-shaped flowers. Sometimes the letters are used in combination.

Apple Blossom. (S) A very pretty new variety that combines all the shades found in the apple blossoms. Fine. 20 cents each; $2.00 per dozen.

Alpha. (C) Beautiful. Color pure white, spotted and penciled deep pink and crimson. 25 cents each; $2.50 per dozen.

Arachne. (F.C.) A remarkable flower; center of each petal pure white, edged its entire length with bright crimson. 20 cents each; $2.00 per dozen.

Blue Oban. (D) Extra large, free blooming variety. Color a lavender blue, without traces of any other color or shade. 20 cents each; $2.00 per dozen.

Eleganta. (F) Flowers soft pink, tipped deep pink. 20 cts. each; $2.00 dozen.

Eureka. (D) Very large, regularly-formed, long-stemmed flowers, of a deep rose color, with a full high center. The plant is dwarf, of branching habit; very early. A perfect variety. 20 cents each; $2.00 per dozen.

Frank L. Bassett. (D) The nearest approach to a blue Dahlia. Color, bright royal purple, shading to blue. Dwarf, branching habit; profuse bloomer Flowers large, and full to the center. 20 cents each; $2.00 per dozen.

Geisheler. (C) Entirely distinct. Flowers medium size, resembling a quilled Chrysanthemum. Color rosy crimson. 20 cents each; $2.00 per dozen.

Grand Duke Alexis. (S) Magnificent Dahlia. Flowers of mammoth size, borne on strong stems. Petals beautifully quilled; color pure white, delicately tinted at tips of petals with light lavender. 20 cents each; $2.00 per dozen.

Iridescent. (D) Color orange-red, overlaid and edged pure blue; very profuse bloomer. 20 cents each; $2.00 per dozen.

J. H. Roach. (C) A beautiful clear, light yellow flower, of perfect form; with long, incurved, and twisted petals. Plant vigorous and bushy. 20 cents each; $2.00 per dozen.

Kreimhilde. (C) A pure Cactus variety, and one of the finest in cultivation. It is a strong, vigorous grower, branches freely, and produces quantities of beautiful long-stemmed flowers, measuring four and five inches in diameter. The coloring is exquisite, shading from a rich yellowish ivory at the center through a beautiful soft pink to clear ivory tips. In our opinion this is the finest cactus variety we have. 20 cents each; $2.00 per dozen.

Lawrence Kramer. (SN) Strong grower; long, wiry stems. Flowers of perfectly rounded form; deep, clear, rosy pink. 20 cents each; $2.00 per dozen.

Lyndhurst. (D) One of the best bright scarlets, brighter and clearer than the well-known Wm. Agnew; has large, perfectly-formed flowers, borne on long stems, making it valuable for cutting. 20 cents each; $2.00 per dozen.

Mrs. Dexter. (S) Very large; a rich shade of salmon. 20 cts. each; $2.00 doz.

Mrs. H. J. Jones. (C) A beautiful Fancy Cactus. Color crimson with broad stripes of white through center. 20 cents each; $2.00 per dozen.

Mrs. Roosevelt. (S) Flowers large, double. Color delicate pink, shading to soft clear pink. 30 cents each; $3.00 per dozen.

Olympia. (F. D.) Immense flowers, with full high center. Color deep rose-pink, striped and penciled with rich crimson. 25 cents each; $2.50 per dozen.

Perle de Or. (D) Fine white decorative Dahlia, large and of beautiful Chrysanthemum shape. Vigorous branching grower of medium height. 20 cents each; $2.00 per dozen.

Red Hussar. (S) Purest cardinal-red. Strong, vigorous grower; branches freely, producing large, regularly-formed flowers, on long, stiff, but slender stems. The best red show variety. 20 cents each; $2.00 per dozen.

¶ SPECIAL NOTICE--Customers who wish to make a collection of SIX or TWELVE BULBS, (from one or more varieties) of the newer sorts priced at 20 cents, may select at the rate of $2.00 per dozen or $1.00 for one-half dozen, postpaid.

Vick's Dahlias

Standard Varieties

15 cents each; $1.50 per dozen; by mail or express, prepaid

A. D. Livoni (Ethel Vick). (S) Soft sea-shell pink; quilled petals; full to the center. The choicest pink of all.

Arabella. (S) Early; free-flowering; long stems; pale primrose, tipped and shaded rose and lavender. 20 cents each; $2.00 per dozen.

Bird of Passage. (S) White, tipped pink.

Black Prince. (D) Intense velvety maroon, almost black; large flower.

Carol. (S) Pure white, delicately tinted soft pink. One of the finest.

Catherine. (P) Best pure light yellow; fine form; long stems.

Clifford W. Bruton. (D) Best of this class. Large canary yellow; tall, vigorous grower and free bloomer.

Constancy. (S) Rich salmon red. Fine.

Countess of Lonsdale. (C) Deep salmon red. One of the best Cactus.

Daybreak. (P) Shell pink.

Earl of Pembroke. (C) Bright reddish purple; petals long, pointed.

Elfin. (P) A dainty little flower; pale primrose, changing to creamy white.

Emily. (S) Varies from rosy lavender to white, suffused lavender; long stems with immense flowers. A grand variety.

Ethel Vick. (A. D. Livoni). (S) Soft sea-shell pink; quilled petals; full to the center. For cutting has no equal.

Fairy Queen. (P) Light sulphur-yellow, deep peach edge.

Harry Freeman. (D) Very large; free bloomer; pure white.

Henry Patrick. (D) Superb pure white; large size; long stems.

Hero. (S) Tall-growing, free-blooming; stems long; flowers ball-shaped, and full to the center. Deep crimson-maroon.

Keystone. Purple-lilac, striped pink and crimson.

Matchless. (C) Rich, glistening maroon, overlaid dark maroon.

Miller's Red. (S) Flowers immense size; rich crimson-scarlet. Fine for cutting.

Miss Barry. (D) Deep rosy lake; full center; petals twisted.

Mrs. Hartung. (C) Flowers large; exquisite form; color bright fawn suffused with pink.

Nymphæa (the Pink Water-Lily Dahlia.) (D) Strong, robust grower; large, full flowers; light shrimp-pink, tinted lighter toward center.

Oriental. (S) Flowers large, rich pale salmon; fine form; very double.

Prince Charming. (P) White suffused and heavily tipped with purplish-pink.

Queen of the Yellows. Fine for cutting.

Red Warrior. (S) Color intense crimson-scarlet. The best of its class.

Snow Clad. (P) White; free-flowering; the finest white pompon.

Storm King (Blizzard.) (S) Finest pure white.

Teddy. (P) White, tipped pink.

Vivid. (P) Bright deep crimson-scarlet.

White Dove. (S) Pure white; large flower; long stems; very fine.

White Swan. (S) Pure white, full flower, borne in great profusion on long stems. Especially fine for cutting. Flowers large and very uniform.

William Agnew. (D) Finest intense glistening scarlet-crimson; immense size; perfect form; free bloomer; fine for bedding or cutting.

Vick's "Country Life" Collection

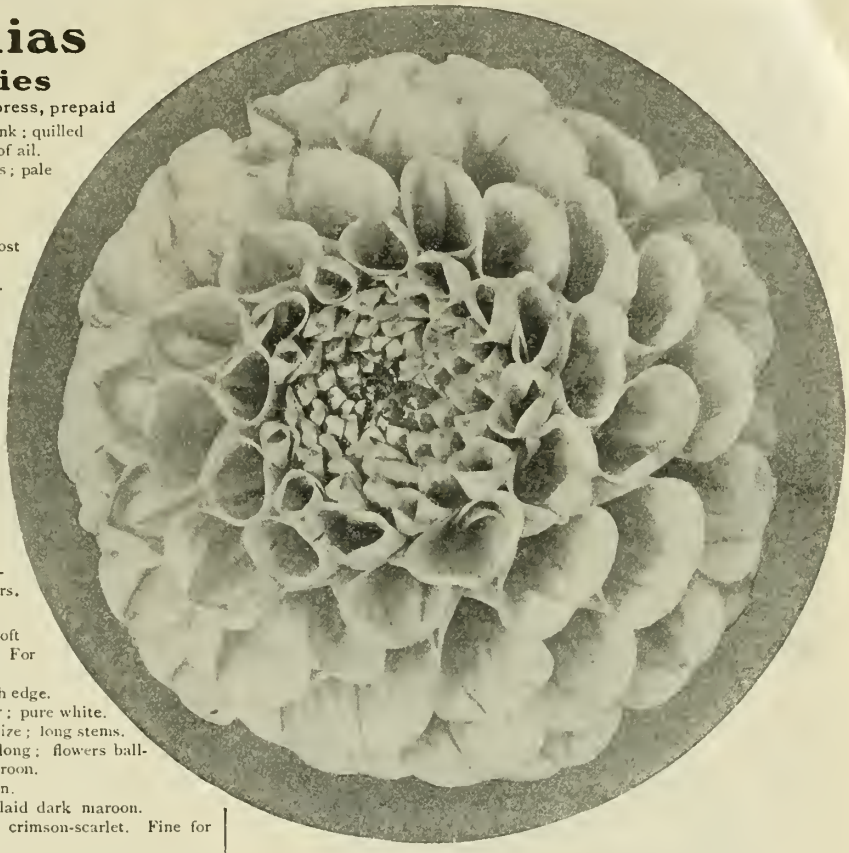
1 Eleganta. Soft pink, (Pompon)	$0.20
1 Black Prince. Maroon, (Decorative)	15
1 Fairy Queen. Light sulphur yellow, edged deep pink, (Pompon)	15
1 Earl of Pembroke. Bright reddish purple, (Cactus)	15
1 Apple Blossom. (Show)	20
1 Nymphæa. Pink Water Lily, (Decorative)	15
1 Queen of Yellows. (Show)	15

Above collection of six superior varieties for by mail or express prepaid. **90 cents**

Vick's Eighty-Five Cent Collection

1 Arachne. Crimson and white, (Cactus)	$0.20
1 Emily. Rosy lavender to white, (Show)	15
1 Ethel Vick. Soft sea-shell pink, (Show)	15
1 J. H. Roach. Pure yellow, (Cactus)	20
1 Lyndhurst. Dazzling scarlet, (Decorative)	20
1 Wm. Agnew. (D) Scarlet	15

Above collection of six fine sorts for by mail or express prepaid. **85 cents**



DAHLIA, ARABELLA

Vick's Dahlias in Collections Sold at Special Prices

Vick's Selection of Named Dahlias

12 of our regular $1.50 per dozen Dahlias for $1.00; 6 for 60 cents; 3 for 35 cents, pospaid.

You allow us to select them; that is all. And only to prevent a run on one or two varieties in advance of others, do we reserve the privilege. Keeps our stock of scarcer varieties uniform, you see; but it only reverts to your particular benefit.

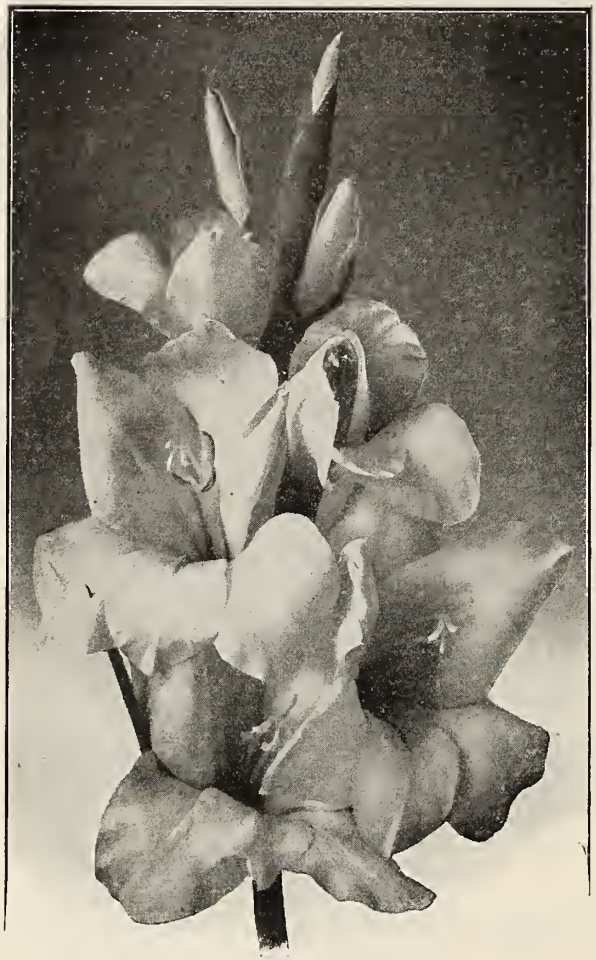
So for $1.00 we send you postpaid twelve (12) named sorts, six (6) for 60 cents; three (3) for 35 cents. You get the same $1.50 per dozen quality, too, but at one-third off, and will enjoy all the glory of these grand autumn flowers in a quality that only VICK knows how to produce. Depend upon us.

Vick's Named Mixture. Made up entirely from Named Varieties. Contains nearly 100 varieties—all classes and colors, selected from our list of the choicest varieties.

Each 10 cents; six for 40 cents; dozen, 75 cents. Charges prepaid.

How to Grow Asters

A summary of our experience in growing the best Asters from sowing the seed to time of maturity, including a chapter on *Aster Insects and Diseases, and their remedies.* Price 10 cents; or free with an order for 25 cents worth of Vick's Aster Seed.



GLADIOLUS, AMERICA

Our Collections of Gladioli

Vick's Named Mixture

This is a mixture of over 150 named varieties, to which we are adding every year. They comprise every class, and will furnish a profusion of bloom from July till frost. Many of these varieties cost us several times as much as we offer the mixed at. Each, 10 cents; dozen, $1.00; hundred, $7.00; charges prepaid.

First Quality Mixed. Seedlings of all colors in fine assortment. Each, 5 cents; dozen, 30 cents; hundred, $2.00; charges prepaid.

Choice Mixed Seedlings. Dozen, 25 cents; twenty-five for 50 cents; hundred, $1.50; charges prepaid.

Light and White. All shades. Doz., 40 cts.; hundred, $2.50; charges prepaid.

Red and Scarlet. All shades. Doz., 30 cts.; hundred, $2.00; charges prepaid.

Sunrise Collection of Gladiolus

In this collection will be found the most desirable colors and the most free-flowering varieties. These have been selected after careful trials on our farm.

Six Choice Varieties for 85 cents, postpaid. Regular price, $1.20

	Each	Doz.
Sunrise. Pure pink, resembling the famous America . . .	25 cents	$2.00
Beauty. Pink with chocolate throat; a new color	25 cents	2.00
America. Beautiful flesh-pink	15 cents	1.50
1900. Deep scarlet; lower petals white	15 cents	1.50
Snowbank. Pure white; base stained red	15 cents	1 50
Princeps. New. Rich crimson	25 cents	2.00

For extended description see general list.

GLADIOLUS

Tbere are no other summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as tbe Gladiolus. The bulbs should be set from three to six inches apart in rows, or for massing six inches apart, and about four inches deep. Plant from middle of April to first of June. In the fall, before hard frosts, take up tbe bulbs, remove the tops, and dry in the air for a few days; and store in some cool dry place, secure from frost, until spring. Our list is a selection of the cream of hundreds of varieties which are grown on our own farm, under our own supervision.

Varieties quoted at 10 cents each, $1.00 per dozen.
" " 15 cents " $1.50 " "
Postage prepaid.

Addison. Dark amaranth, with white stripes. Each, 10 cents.

America. The Grand New Gladiolus. The flowers are of immense size, beautiful flesh-pink color, and, as a florist who saw it said, it is "fine enough for a bride's bouquet." Each, 15 cents; dozen, $1.50.

Angele. White; showy and effective. Each, 15 cents.

Augusta. Fine white, with small violet stripes in throat; blue anthers. Eacb, 10 cents.

Baron Hulot. Large sized flower, well arranged on straight spike, color, dark violet bordering on blue. Each, 15 cents; dozen, $1.50.

Brenchleyensis. Vermilion-scarlet. Fine old variety; very vigorous and a free bloomer. Each, 10 cents.

Ceres. White, marbled and striped with rose and purple. Each, 10 cents.

Eugene Scribe. Flowers large and wide, rose, blazed with carmine-red. Each, 10 cents.

Isaac Buchanan. Fine yellow. Each, 10 cents.

Jane Dieulafoy. Flowers, large creamy white, lower petals stained maroon. Each 20 cents; dozen, $2.00.

May. Pure white, flaked bright rosy crimson. Fine spike. Each, 10 cents.

Madame Monneret. Delicate rose, carmine blotch. Each, 10 cents.

Mephistopheles. Flowers of large size, dark red, stained with black and yellow. Each 20 cents; dozen, $2.00.

Napoleon III. Bright scarlet, white line in each petal. Each, 10 cents.

Octoroon. Beautiful salmon-pink. Very distinct. Each, 15 cents.

Princeps. A grand variety. Grows from three to four feet high. Color rich crimson, with intense shadings in the throat and broad white blotches on the lower petals. Flowers from four to six inches across, with well rounded petals Each, 25 cents; dozen, $2.50.

Rosella. Large well opened flowers, light rose, stained purple and white. Each, 15 cents; dozen, $1.50.

Snowbank. Fine spike of well formed flowers, pure white, with the exception of a slight stain of red at base of petals. Each, 15 cents; dozen, $1.50.

"1900." Color a deep scarlet, the lower petals almost pure white, throat blotched with violet-purple. It is quite distinct and beautiful. Each, 10 cents; dozen, $1.00.

New Seedling Gladioli Groff's Hybrids

Never before were such magnificent flowers seen among our fields of Gladioli. In freedom of bloom, size of the flowers, substance of the petals, brilliancy and permanency of coloring, they are unsurpassed by any strain of Gladioli on the market. The plants are larger, heavier, and more robust in every way, than any other, and the flowers grow to an immense size, often measuring six and seven inches across.

Groff's Mixed Hybrids. All shades, in grand mixture. Each, 7 cents; dozen, 55 cents; 100, $4.50; prepaid.

Groff's Selected Red Hybrids. All shades of red, scarlet, and crimson. Each, 8 cents; dozen, 80 cents; 100, $6.00.

Groff's New Blue Hybrids. Includes all the shades of clematis, lilac, and heliotrope; a beautiful strain. Each, 8 cents; dozen, 80 cents; 100, $6.00.

MONTBRETIA

The Montbretias are among the brightest and best of our summer-flowering plants, and no garden should be without tbem. The bulbs, planted in groups six inches apart, throw up large spikes of star-shaped flowers of a rich orange and red color. The spikes are from twenty to thirty inches higb, and the bulbs flower freely the first season.

Crocosmiæflora. Deep golden orange, dotted with purple. Three for 10 cts.; dozen, 25 cents; $1.75 per 100.

TUBEROSE

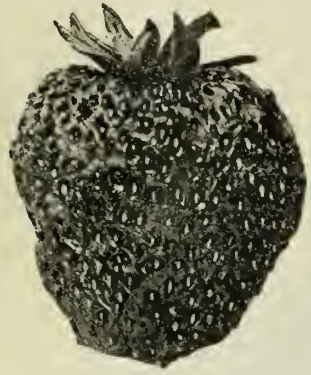
The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. Our Tuberoses are all extra sized, and splendid bulbs.

New Dwarf Tuberose Pearl. Each, 5 cts.; six for 25 cts.; dozen, 50 cts.; $3.00 per hundred.

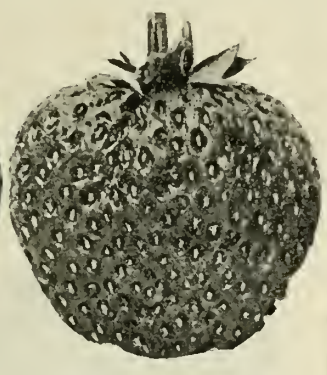
CINNAMON VINE. A very pretty running vine, with flowers of cinnamon fragrance. Hardy. Each, 15 cents; two for 25 cents.

SMALL FRUITS

We guarantee only the delivery of Small Fruits in good condition, special care being taken in packing. If for any reason they are not in proper condition notify us at once, don't wait. Set plants as soon as received and water thoroughly.



STEVENS'S LATE CHAMPION



WORLD'S WONDER

STRAWBERRIES

For field culture, plant in rows four feet apart, with the plants one foot apart in the row. For garden culture, plant three feet by one foot. Should the ground not be prepared for planting on receipt of plants, they should be carefully heeled in, in a cool, moist, shady place. Do not sprinkle the foliage, as it causes a moisture to collect, which is very injurious to the crowns, causing them to rot. In setting the plants be careful to have the crowns even with or a little above the surface of the ground, and to have the trench or hole in which the plants are to be set deep enough to allow the roots their full length. Some varieties of Strawberries have pistillate or imperfect flowers. These must have perfect-flowered varieties planted every fifteen or twenty feet among them, or they will produce imperfect fruit. The pistillate varieties are marked (*P.*)

At dozen and hundred prices we prepay postage or express charges; at thousand rate customers will pay express or freight charges.

Dozen, 25 cents; 100, $1.50; 1000, $6.00, except as noted.

Vick's Uncle Joe. Its fruit is perfect in form, of a dark, rich color, firm flesh, monstrous in size and uniform in shape and among other attractive features, its early and continuous yield during the season is attributeable to its strong, healthy and robust growth. **Dozen, 50 cents; twenty-five, 75 cents; hundred, $2.25; fifty at hundred rate; thousand, $12.00.**

Climax. This very prolific strawberry originated with Henry W. Graham, of Maryland. In 1900 he had 1,100 plants, which he set on less than a quarter of an acre. In 1901 he shipped 6,300 quarts, or about 20,200 quarts to the acre. Medium early. **Dozen, 35 cents; 100, $2.00; 1000, $8.00.**

Echo. Superior to other varieties in both flavor and sweetness. Fruit brilliant red, of medium size, second early. Very productive.

Gandy. One of the best late Strawberries. Large, uniform size, rich crimson. Is a vigorous grower and good cropper. Late to very late.

Nick Ohmer. Exceedingly large, beautiful color; conical in form, uniform and regular; quality unsurpassed. Very productive; strong grower.

Seaford (*P*). Color deep, glossy red, and quality fit for a king. A vigorous grower, ripening its crop fast and early.

Stevens' Late Champion. Originated in New Jersey. Plants of more than ordinary vigor; a good runner; perfectly healthy; color bright. A fine looking berry. Ripens after most other varieties have gone. We consider it the best late strawberry. **Dozen, 35 cents; 100 $2.00; 1000, $8.00.**

World's Wonder. As productive as the Haverland, but twice as large. Fruit is a bright red in color and does not turn dark after being picked. Uniform in shape, large size, good keeper and shipping berry. Ripens early and brings extra fancy price on market. Vines are strong, thrifty, and rapid in growth. Will produce a large crop on either high or low land. The fruit is so firm and its keeping qualities are so excellent that it does not need to be picked oftener than once in three days. **Dozen, 50 cents; hundred, $2.25; thousand, $10.00.**

OTHER STANDARD VARIETIES

Brandywine, Eureka, Jessie, Crescent (P). Glen Mary
Bubach, McKinley, Wilson, William Belt, Sample.

GOOSEBERRIES

Gooseberries thrive best if planted where they will receive a partial shade. Plant the same distance as Currants. Gross feeders, liking a deep rich soil.

At single and dozen prices we prepay postage or express charges.

Chautauqua. Fruit a light yellow (nearly white), free from spines and hair. Thick-skinned, sweet, and of exquisite flavor. Equal to any other variety on the market. **Each, 50 cents; dozen, $3.50.**

Downing's. A native seedling; vigorous, hardy, and prolific; free from mildew. Fruit greenish white, large. **Each, 25 cents; dozen, $1.50.**

Golden Prolific. Fruit large, deep golden yellow. Perfectly hardy, very prolific, a good grower. **Each, 50 cents; dozen, $3.50.**

Industry. A valuable new foreign variety. Fruit dark red, very large, and of a rich, agreeable flavor. An immense yielder. **Each, 30 cts.; doz., $2.00.**

Pearl. Grown from seed of Houghton, crossed with Ashton Seedling. Worthy of special notice because of its good quality, productiveness, and freedom from mildew. **Each, 25 cents; dozen, $1.50.**

GRAPES

At the single and dozen prices we prepay mail or express charges. Hundred lots by express or freight, charges not prepaid.

Rows should be eight feet apart, and vines from six to eight feet apart in the row. Dig a hole two feet long, one foot wide, and one foot deep. Put a little surface soil in the bottom, and mix in some bone dust or commercial manures, and then place in another thin layer of surface soil. Trim the ends of roots, and spread out in hole, covering with surface soil. Cut the vine back to two buds, and draw in the earth so as to cover roots and stem up to top bud. Train the vine to a stake for the first two years, and afterwards train on trellis. Old wood never bears the second time; the vines of this year bear fruit the next. Nine-tenths of the wood should be cut away each season to get the largest and best grapes. *Vines are all strong two-year plants, true to name.*

Each, 25 cents; dozen, $2.50; except as noted.

Campbell's Early. Strong, vigorous, hardy vine; thick, healthy, mildew-resisting foliage; always setting its fruit well and bearing abundantly. Berries large; black, with light purple bloom. Flavor rich, sweet, slightly vinous. Very early. **Each, 30 cents; dozen, $2.50.**

Catawba. Large, compact; berries deep red, sweet and juicy.

Concord. Black. Most popular and reliable variety cultivated.

McKinley Early. New. A cross between Niagara and Moore's Early; has all the good qualities of the Niagara, but *fully ten days earlier.* The best early white variety ever offered. **Strong 2-year-old plants, each, 75 cents.**

Diamond. Bunches large, compact, shouldered. Berries large, white, melting, juicy, sweet to center. Skin thin. Strong grower and abundant bearer.

Niagara. Strong grower. Bunch and berries large; color light green. Very productive.

Worden. The best black; most productive and satisfactory of all varieties.

OTHER STANDARD VARIETIES

Brighton. Lady. Pocklington. Delaware.
Moore's Early. Wyoming. Agawam (Roger's No. 15).

BLACKBERRIES

At the single and dozen prices we prepay mail or express charges. Hundred and thousand lots by express or freight, charges not prepaid.

For field culture, plant in rows six feet apart and plants three feet apart in the row. For garden culture, five by four feet.

Price, except as noted, each, 15 cents; dozen, 80 cents; hundred, $2.50; thousand, $15.00.

Erie. Fruit large, roundish, uniform in size; excellent quality; handsome. A valuable variety for home use or market.

Eldorado. Very vigorous and hardy; fruit large, of finest quality, and without a hard core. **Each, 20 cents; dozen, 80 cents; hundred, $3.00.**

Rathbun. The largest Blackberry in cultivation. In quality it surpasses the luscious Dewberry, being without the hard core common to Blackberries. It brings more in the market. The plant is hardy, vigorous, and a great bearer. Fruit large throughout the season. As a shipper it is unsurpassed. **Each, 20 cents; dozen, 80 cts.; hundred, $3.00.**

Snyder. An exceptionally hardy variety. Berries medium size, produced abundantly; sweet, juicy, and, when fully ripe, without a hard core.

RASPBERRIES

At the single and dozen prices we prepay mail or express charges. Hundred and thousand lots by express or freight, charges not prepaid.

Blackcaps, and others that increase from the ends of the canes, should be planted three and a half by seven feet. Keep the soil loose and free from weeds. When the canes attain the height of one foot, pinch off the ends; this causes the canes to branch, grow stocky and self-supporting. In the spring of the bearing year cut these back to within six inches of the main stalk. After fruiting, cut out all the dead wood. Red Raspberries and all others that sucker, should be set five by three and a half feet apart, when they must be cultivated both ways. Allow only three or four canes in each hill; treat all others as weeds. For garden culture set red varieties three feet apart each way, Caps four by three feet.

RASPBERRIES, RED

Columbian. Popular for the home garden. Grows from eight to twelve feet high, and covered with fine, large, crimson berries. Perfectly hardy; has endured 28° below zero without freezing. Best for canning, and evaporating, retaining color, form, and flavor remarkably. **Each, 15 cents; dozen, 80 cents; hundred, $2.50; thousand, $18.00.**

Cuthbert. A valuable late variety; large, firm, and of superior quality; very productive. **Each, 15 cents; dozen, 80 cents; hundred, $2.50; thousand, $14.00.**

Loudon. Hardier, better, and far more productive than Cuthbert. Berries firm; bright red; splendid shipper. **Each, 20 cents; dozen, $1.00; hundred, $4.00.**

Miller's Red. One of the best early varieties. As large as Cuthbert. Bright red. Flavor rich. **Each, 20 cents; dozen, $1.00; hundred, $4.00.**

RASPBERRIES, BLACK

Price, except as noted, each, 15 cents; dozen, 80 cents; hundred, $2.25; thousand, $15.00.

Cumberland. Very hardy, having withstood a temperature of 16° below zero. Very productive, making large crops of enormous berries. Fruit unusually firm, and may be shipped long distances. Mid-season variety, coming ahead of the Gregg. **Each, 20 cents; dozen, $1.00; hundred, $4.00.**

Gregg. Very large, fine quality, productive, late, hardy.

The Kansas. Early. Stands drouth well, and is uninjured by frost; fruit is larger than that of the Gregg. Jet black, firm texture.

RASPBERRIES, YELLOW

Golden Queen. Light amber. **Each, 15 cents; dozen, 85 cents; hundred, $3.00.**

Collection of Small Fruits for the Home Garden

No changing or substuting allowed in these collections.

Postage or Express Prepaid.

COLLECTION No. 1, STRAWBERRIES

Five varieties, early, medium, and late, which in our judgment are best adapted for general garden culture.

12 Echo . . . $0 25	12 Glen Mary . $0 25	12 Seaford . . $0 25
12 Gandy . . . 25	12 Sample . . . 25	

Five Varieties--60 Plants--for $1.00

COLLECTION No. 2 RASPBERRIES

RED—6 Miller's Red. . . . $0 35	BLACK—6 Cumberland . . $0 50
6 Columbian 40	6 Kansas 40

4 Varieties--24 Plants--for $1.00

COLLECTION No. 4 CURRANTS AND GOOSEBERRIES

6 Red Cross . . (red) . . . $0 63	2 Gooseberries, Downing . 50
2 Black Champion 40	2 White Grape 40

4 Varieties--12 Plants--for $1.25

COLLECTION No. 5, GRAPE VINES

1 Agawam (red) $0 25	1 Catawba (red). . . . $0 25
1 Campbell's Early (black) . 30	1 Worden (black) 25
1 Diamond (white) 25	1 Niagara (white) 25

Six Varieties--for $1.00

CURRANTS

At the single and dozen prices we prepay mail or express charges. Hundred lots by express or freight, charges not prepaid.

Choose a moist rich soil for Currants. Plant five feet apart each way. Keep free from weeds and grass by liberal cultivation and mulching. Use plenty of manure, and trim out superfluous wood by cutting back the new growth two-thirds each year. Keep the foliage free from worms by using white hellebore.

Each, 20 cents; dozen, $1.25; hundred, $7.00.

Cherry. Large and productive. Standard for market.

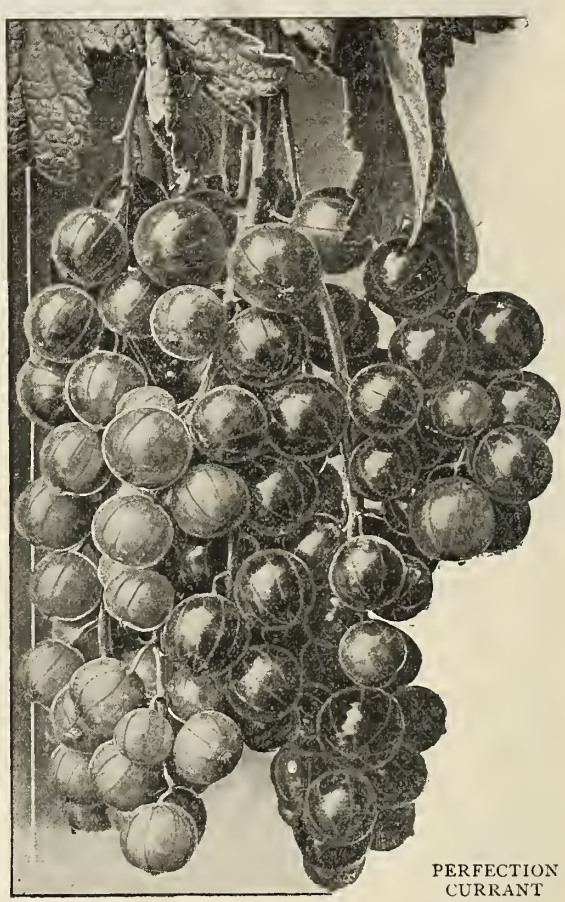
Black Champion. An English variety. Extra good for jams, etc.

Fay's Prolific. One of the best; very productive; large; good flavor; early.

Red Cross. A new variety. Plants strong, vigorous, remarkably productive. Clusters large, often measuring four inches in length; berries large.

White Grape. Valuable for the table; quality excellent, mild, and sweet.

Perfection. Color, bright red; size, as large as the Fay's or larger, the clusters averaging larger, the size of berry being well maintained to end of cluster. Rich, mild sub-acid, plenty of pulp, with few seeds. Less acid and of better quality than any other large currant in cultivation. The Perfection is a great bearer, superior to Fay or any other large sort. **Strong 2-year plants, each, 30 cents; $2.25 per dozen.**



PERFECTION CURRANT

HALF AN ACRE OF GROUND

planted with Vick's Early White Spine Cucumber will give extra large returns. It is an enormous yielder, extra early, the fruits are good shape for market, and for small pickles are unexcelled. See illustration opposite page 1, also description on page 14.

GRAND COLLECTION OF SMALL FRUITS

No. 1, Strawberries	$1 00
" 2, Raspberries	1 00
" 4, Currants and Gooseberries	1 00
" 5, Grapes	1 00
	$4 00

THE ENTIRE LOT FOR $3.75

INSECTICIDES

(Note—Liquids and poisonous powders cannot be sent by mail). Directions for using printed on each package.

Bug Death. For potato bugs and blight; contains no arsenic; does not wash off. In comparative tests made on our farms last season Bug Death headed the list, not only as an insecticide, but kept the plants in a healthier condition and actually *increased the yield* over all others, while the potatoes when dug were healthier, contained more starch, and kept better than others. 1-lb. package, 15 cents; 3-lb. package, 35 cents; 5-lb. package, 50 cents; 12½-lb. package, $1.00; 100-lb. keg, $7.00; Charges not prepaid.

Dickey's Duster. For applying not only Bug Death but any other insecticide in powdered form, 25 cents each; charges not prepaid.

Bordeaux Mixture. (Liquid). For fungous diseases. Directions for using on can. Pint, 25 cts.; quart, 40 cts.; gal., $1.25; charges not prepaid.

Copper Sulphate (Blue Vitrol). For use in mixing Bordeaux Mixture, etc. Per lb., 15 cents; 100 lbs., $12.00; charges not prepaid.

Dalmatian Insect Powder. The true "Persian" insect powder, ¼ lb., 20 cents; ½ lb., 35 cents; lb., 55 cents; postage paid.

Fir Tree Oil. For all kinds of sucking insects, whether on root, stem or foliage, such as Green and Black Fly, Mealy Bug, Scale, Aphis, etc. Valuable also for animal parasites and insects. ½ pint, 40 cents; pint, 75 cents; qt., $1.35; gal., $4 50; charges not prepaid.

Hellebore. Pure and fresh; used largely for currant worms, etc. Pound, 25 cents; charges not prepaid.

Kerosene Emulsion. For scale insects, aphis, etc. Quart, 50 cents; gal., $1.00; charges not prepaid.

Nicoticide. (Liquid). Can be used either for fumigating or spraying. The strongest extract of tobacco on the market ¼ lb., 70 cts.; ½ lb., $1.25; 1 lb., $2.50; ½ gallon, $8.50; 8 lbs. (1 gallon), $15.00; charges not prepaid. Lamps, complete, 50 cents, postpaid.

Nicofume. A tobacco-paper insecticide for fumigating only. Prices, small sizes (24 sheets), 75 cents; medium size (144 sheets), $3.50; large size (288 sheets), $6.50; charges not prepaid.

Nikoteen Kills the Bugs. A thorough exterminator of all injurious insects. Pint, $1.50.

Slug Shot. Non-poisonous powder for Potato Bugs, Cabbage Lice and Worms, Currant Worms, etc. 5 lb. package, 30 cents; charges not prepaid.

Sulpho-Tobacco Soap. Used as a wash for roses, trees, and house plants. Very desirable for insects on animals. 3-oz. cake, 13 cents; 8-oz. cake, 30 cents; postage paid.

Tobacco Dust (The Black Stuff). Per lb., 25 cents; postage paid.

Tuxedo. (Liquid). A combination of Bordeaux Mixture and Paris Green; especially fine for potatoes, reaching bugs and blight at the same time. Quart, 25 cents; gal., 85 cents; charges not prepaid.

Vick's Excelsior Insect Exterminator. Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphis, Squash Bugs, Cockroaches, etc. This powder can be applied most thoroughly, economically, and quickly, by the means of the bellows we have constructed for that purpose. 50 cents per pound, by mail. In lots of five pounds or over, 35 cents per pound by express at expense of the purchaser. Eight-inch Bellows, $1.50. Twelve-inch Bellows, $1.75. The Bellows can be sent only by express at expense of purchaser. For use in conservatories and for house plants we offer a small zinc Bellows, in two sizes. No. 1, with one ounce of Exterminator, 30 cents, postage paid. No. 2, with four ounces of Exterminator, 50 cents, postage paid.

Whale Oil Soap. Used as a wash for roses, trees, and plants affected with insects; 1-lb. box, 30 cts., postage paid. Special price on large quantities.

Miscellaneous Supplies

Bellows. For applying dry insecticides. Hand-made throughout from seasoned wood and best quality sheepskin. Eight-inch, $1.50; 12 in., $1.75. Charges not prepaid.

Dibbles. Used in transplanting, steel point. 35 cents each; 50 cents postpaid.

Garden Lines. Extra heavy cotton, braided, 100 feet long. 60 cents each; 75 cents, postage paid.

Grass Hooks or Sickles. Each, 60 cents; charges not prepaid.

Grass Shears. Best quality steel. 65 cents, postage paid.

Grafting Wax. ¼ lb., 15 cents; ½ lb., 25 cents; lb., 35 cents, postpaid.

Garden Trowels. Solid steel, best grade only, 50 cents, postage paid.

Labels. Wooden; painted. Charges not prepaid.

3½ inch, pot, per 1000	$0.75	6 inch, pot, per 1000	$1.50
4 inch, pot, per 1000	.90	8 inch, pot, per 1000	4.00
4½ inch, pot, per 1000	1.00	3½ inch, tree, notched, per 1000	1.25
5 inch, pot, per 1000	1.25	3½ inch, tree, pierced, per 1000	1.00

Mastica. For glazing work. A putty-like preparation. Sets quickly. Can be used in cold weather, and does not run or crack. Use in putty-bulb or machine. Gallon pails, each, $1.25; machines, each, $1.25; charges not prepaid.

Mole Traps (The Out O'Sight). It is not complicated, or easy to get out of order, easily set without danger to yourself, can be used in hotbeds, or without disturbing runway. Full explanation of habits of moles furnished with each trap. Price, $1.25, by mail postage paid. By express $1.00, express charges not prepaid.

Plant Tubs. Fibrotta ware, practically indestructible, impervious to moisture, light, easy to handle. 12½-inch, each $1.25; 13½-inch, each $1.50; charges not prepaid.

Potting Soil. Especially prepared and sifted, per bu. 75 cents; bbl., $1.75; charges not prepaid.

Putty Bulbs. For applying liquid putty, mastica, etc. Each, $1.10, postpaid.

Pruning Shears. Charges not prepaid.

No. 1537—8-inch	$0 65	6-inch, Nickle Plated	$0 85
No. 1537—8½-inch	75	10-inch, Wiss, genuine	2 50
No. 1538—8½-inch	1 00	9-inch, Wiss, genuine	2.25

Raffia. For tying, per lb., 20 cents; 5 lbs., 90 cents; 10 lbs., $1.50; charges not prepaid.

Syringes. Brass. Charges not prepaid.

No. A—12-inch barrel, 1-spray rose and jet	$2 75
No. 12—14-inch barrel, 2-spray rose and jet	3 75
No. 11—16-inch barrel, 2-spray rose and jet	5 25
No. 5—18-inch barrel, 2-spray rose and jet	7 00

Sprinklers. Tyrian. Rubber, made with a perforated detachable top; valuable for window gardening, bouquet sprinkling, dampening clothes, etc.; postpaid.

6-ounce size, straight neck	$0 75
6-ounce size, bent neck	85
8-ounce size, straight neck	1 00
8-ounce size, bent neck	1 10

Weeders. Claw, 20 cents; Hazeltine, 30 cents; Lang, 30 cents; Brown's Easy, short handled, 60 cents; postage paid. Brown's Easy long handled, by express only, 60 cents.

FERTILIZERS

Pulverized Sheep Manure. This is a pure, natural, odorless fertilizer and the most nutritious food for all vegetable growth. The best for lawn, garden and greenhouse use. Its effect is immediate, lasting, and it can be applied without risk. Strewn over and dug into the soil it promotes a rapid, steady growth until maturity of the plants. For either flower or vegetable it makes the richest, safest and quickest liquid invigorator. On lawns its effect is readily apparent and can be applied in spring or fall to achieve the best results. Quantity to an acre one ton, 12 lb. to 300 square feet. 6 lbs., 35 cts.; 25 lbs., 75 cents; 50 lbs., $1.25; 100 lbs., $2.00; charges not prepaid.

Walker's Floral Fertilizer. A chemically correct flower food for house plants. Has no odor, and can be used dry or dissolved in water for sprinkling. Small size (feeds 25 plants six months), 25 cents; large size (feeds 25 plants for one year), 50 cents; postage paid.

Nitrate of Soda (Chili Saltpetre). The best and cheapest form of Nitrogen for plants. Highly concentrated and immediately available. Nothing like it to make plants grow. Price subject to market changes. 3 lbs., 30 cts.; 5 lbs., 50 cts.; 10 lbs., 75 cts.; 25 lbs., $1.50; 100 lbs., $5.00; charges not prepaid.

Pure Raw Bone Meal. 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00; charges not prepaid.

"Victory" Lawn Mower

Ball Bearings. Easy to Operate.
The Best Mower Ever Built.

The adjustments of the "Victory" Lawn Mowers are the simplest, most perfect, and most positive. They cut within 1¾ inches of an obstruction. The cutter bars will stay on the ground and cut their full swath clean (other short-coupled mowers kick up behind in heavy grass). The mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. Ball bearings of the highest grade, exact to ¼ of .10000 of an inch, which reduce the friction astonishingly—even more in a mower than in a bicycle.

Ten-inch Wheel. Four-Bladed Reels. Ball Bearings.					
14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
$8.50	$9.50	$10.50	$11.50	$12.50	$13.50

By Express or Freight, charges not prepaid

Catalogue of Fruit and Ornamental Trees

Send for our new catalogue of all the Standard varieties, as well as the best of the new things in Fruit Trees. The list has been compiled by an expert, and is worthy of your absolute confidence. Mailed free to any address.

TABLE OF CONTENTS

Abobra 51
Abutilon 67
Achillea 68
Acroclinium 67
Adlumia 48
Adonis 47
Ageratum 46
Agrostis nebulosa 67
Akebia 73
Alfalfa 37
Alleghany Vine 48
Althæa 72
Alyssum 46
Amarantus 46
Amaryllis 81
Ampelopsis 67, 73
Anemone 68
Anise 33
Antirrhinum 46
Aquilegia 47, 68
Aristolochia 73
Artichoke 3, 35
Arundo Donax 67
Asparagus 3
Asparagus, Ornamental 77
Asperula 47
Asters 40,41,42,43,44,45,68
Australian Glory Pea 67

Baby's Breath 51
Bachelor's Button 49
Balloon Vine 46
Balm 33
Balsam 47
Balsam Apple 51
Balsam Pear 51
Barberry 72
Barley 37
Bartonia 47
Basil 33
Basket Materials 3d cover
Beans 4, 5, 33, 35
Beets 6, 7
Begonia 67, 77, 81
Bell-flower 48
Bellows 87
Benincasa cerifera 51
Berberis Thunbergii 72
Bignonia 67
Bird of Paradise 67
Bitter Sweet 67
Blackberries 85
Blanket Flowers 52
Bleeding Heart 69
Books 33 [cover
Books on Basketry 3d
Borage 33
Bordeaux Mixture 87
Borecole 3
Boston Ivy 67, 73
Brachycome 46
Briza 67
Broccoli 3
Brompton Stock 65
Broom Corn 35
Brussels Sprouts 3
Bryonopsis 51
Buckwheat 37
Bug Death 87
Bulbs, Seeds of, 67
Bulk Seeds 33

Cabbage 8, 9
Caladium 81
Calceolaria 67
Calendula 50
California Poppy 49
California Privet 72
Calla 81
Calliopsis 47
Campanula 48, 69
Canary Bird Flower 55
Candytuft 48
Canna 47, 79
Canterbury Bell 48
Caraway 33
Cardinal Flower 52
Cardiospermum 46
Carnation 50, 67, 77
Carrots 11
Castor Oil Bean 61
Catchfly 48
Catnip 33
Cauliflower 9
Celastrus 67
Celery 10
Celosia 48
Centaurea 49
Chicory 13
Chinese Bell Flower 67
Chinese Pæonies 69
Chinese Pinks 50
Chinese Primrose 67 [79
Chrysanthemum 47, 67, 78,
Chrysurus 67
Cigar Plant 67
Cinnamon Vine 84
Cineraria 67
Cives or Chives 11
Clematis 67, 69, 73
Clianthus 67
Climbers 73
Clover 37
Cobœa scandens 47
Coccinea Indica 51
Cockscomb 48
Coix Lachryma 67
Coleus 67, 77
Collards 11
Collections Fl'r Seeds 30
Collections of Vegetable Seeds 2d cover and plate
Columbine 47, 68
Convolvulus 54
Copper Sulphate 87
Coreopsis 47
Coriander 33
Corn 12, 13, 33
Corn-Bottle 49
Cornflower Aster 64, 69
Corn Salad 11
Cosmos 48
Cow Peas 35
Cress 15
Cucumber 14, 15
Cucumis odoratissimus 51
Currants 86
Cuphea 67
Cyclamen 67
Cyperus 80
Cypress Vine 48

Dahlia 67, 82, 83
Daisy 50, 65, 68
Dalmatian Insect Po'dr 87
Dandelion 15
Datura 50
Day-Lilies 71
Delphinium 53, 68
Dianthus 50
Dibbles 87
Dicentra 69
Digitalis 51, 69
Dill 33
Dolichos 52
Dusters 87
Dusty Miller 49, 67
Dutchman's Pipe 73

Echinocystis lobata 51
Egg Plant 15
Elephant's Ear 81
Endive 15
Erianthus 67
Eschscholtzia 49
Eulalia 69
Euphorbia 51
Evening Glory 51
Everlastings 67

Farm, Garden, and Greenhouse Supplies 87
Farm Seeds 35, 36, 37
Feather Grass 67
Fennel 33
Ferns 77
Fertilizers 34, 87
Fetticus 11
Feverfew 59
Ficus 80
Field Corn 13
Fire on the Mountain 51
Fir Tree Oil 87
Flame Flower 69
Flowering Maple 67
Flowering Sage 64
Forget-me-not 53
Forsythia 72
Four O'Clock 54
Foxglove 51, 69
Fuchsia 67, 78
Fungicides and Insecticides 87
Funkia 71

Gaillardia 52, 69
Garden Requisites 87
Geranium 67, 80
Gladiolus 67, 84
Globe Amaranth 67
Gloxinia 67, 81
Golden Bartonia 47
Golden Glow 69
Gomphrena 67
Gooseberries 85
Gourds 51
Grafting Wax 87
Grain 37
Grapes 85
Grass, Ornamental 67
Grass Seed 34, 35
Grass Shears 87
Greenhouse Seeds 67
Grevillea robusta 67, 77
Gumbo 23
Gynerium 67
Gypsophila 51, 69

Hare's Tail Grass 67
Hardy Climbers 73
Hardy Climbers, Seeds of 67
Hardy Shrubs 72
Hardy Plants and Bulbs 68
Hedge Seeds 36
Helianthus 64
Helichrysum 67
Heliotrope 51, 77
Helipterum 67
Hellebore, Powdered, 87
Hemerocallis 71
Herbs 33
Hercules' Club 51
Hibiscus 67, 68,
Hoarhound 33
Hollyhock 51, 68
Honey Locust 36
Honeysuckle 73
Hop 33, 52
Hordeum jubatum 67
Horse Radish 15
Hunnemannia 51
Hyacinth Bean 52
Hydrangea 72, 78
Hyssop 33

Ice Plant 52
Impatiens 67
India Pink 50
Insect Destroyers 87
Introduction, General 1
Introduction to Flower Seed Department 38
Ipomœa 48, 51, 54, 80
Iris 68
Ivy 73

Jacobean Lily 81
Japan Pinks 50
Japanese Hop 52
Japanese Ivy 67
JapaneseMorning Glory 54
Jasmine 80
Jerusalem Corn 36
Job's Tears 67
Johnson Grass 36
Joseph's Coat 46

Kaffir Corn 36
Kale 3
Kentucky Blue Grass 35
Kenilworth Ivy 67
Kerosene Emulsion 87
Kochia 52
Kohl Rabi 17
Knives 3d cover

Labels 87
Lace Fern 77
Lady's Slipper(Balsam) 47
Lagurus ovatus 67
Lamarckia aurea 67
Lantana 67
Larkspur 53, 69
Lavender 33, 80
Lawn Grass 34
Lawn Mowers 87
Leek 17
Lemon Ponderosa 79
Lettuce 16, 17
Lilies 70, 71
Lily of the Valley 71
Linum 52
Linaria 67
Lobelia 52, 69
Locust, Honey 36
Love-in-a-puff 46
Love-in-a-mist 57
Love-lies-bleeding 46
Lucerne (Alfalfa) 37
Lychnis 52, 69
Lycoris 71

Madeira Vine 81
Magic Flower 71
Maitrank 47
Malope 58
Manettia Vine 80
Mangel Wurzel 7
Marigold 53
Marjoram 33
Marguerite 47, 50
Marvel of Peru 54
Mastica 87
Matrimony Vine 73
Maurandya 54
Melons 18, 19
Mesembryanthemum 52
Mexican Fire Plant 51
Michælmas Daisies 68
Mignonette 54
Millet 35
Millo Maize 36
Mimosa pudica 59
Mimulus 57
Mirabilis 54 [35, 37
Miscellaneous Farm Seeds
Mixed Seeds for Wild Garden 67
Mock Orange 51
Monkey Flower 57
Mole Trap 87
Moon Flower 51, 80
Momordica 51
Monarda Didyma 68
Montbretia 84
Morning Glory 54
Mountain Fringe 48
Mourning Bride 65
Mushrooms 17
Muskmelons 18
Musk Plant 57
Mustard 25
Myosotis 53

Nasturtium 55, 80
Nemophila 59
Nerium 67
Nicotiana 57
Nicoticide 87
Nierembergia 61
Nigella 57
Nymphæa 81

Oats 37
Okra 23
Oleander 67, 80
Onions 20, 21
Onion Sets 21
Ornamental Gourds 51
Ornamental Grasses 67
Ornamental Tobacco 57
Osage Orange 36
Otaheite Orange 79
Oxalis 67

Pæonias 69
Painted Leaf 51
Palms 80
Pampas Grass 67
Pansy 56, 57
Papaver 60, 69
Paris Daisy 47
Parsley 25
Parsnip 30
Passion Flower 67
Pasture Grass 35
Peas, Flowering 62, 63
Peas, Garden 22, 23, 33
Peas, Perennial 63, 73
Pennisetum longistylum 67
Penstemon 69
Pepper 25
Peppergrass (Cress) 15
Perilla 59
Periwinkle 66
Petunia 58
Pheasant's Eye 47
Phlox Drummondii 59
Phlox, Perennial 68
Picotee 50
Pie-Plant 27
Pinks 50, 69
Plant Stands 87
Plant Tubs 87
Platycodon 48, 69
Poinciana Gillesii 67
Polyanthus 59
Poppy 60, 69
Pop Corn 13
Portulaca 61
Potatoes 24, 25
Pot Marigold 50
Potting Soil 87
Premiums, 2d Cover
Primrose 59, 80
Primula 59, 67, 69, 80
Privet 72
Pruning Shears 87
Pumpkin 28
Purple Fringe 72
Putty Bulbs 87
Pyrethrum 59

Radish 26, 27
Raffia 87 and 3rd cover
Ragged Sailor 49
Rape 36
Raspberries 86
Red Hot Poker 69
Rhodanthe 67
Rhubarb 27
Ricinus 61
Rosemary 33
Roses 74, 75, 76
Rose of Sharon 72
Rubber Plant 80
Rudbeckia 69
Rue 33
Ruta Baga 32
Rye 37

Saffron 33
Sage 33, 80
Salpiglossis 61
Salsify 28
Salvia 64, 80
Savory 33
Scabiosa 65
Schizanthus 59, 67
Scolymus 28
Scorzonera 28
Seeds for Greenhouse 67
Seeds in Bulk 33
Seeds of Bulbs 67 [67
Seeds of Hardy Climbers
Seeds of Tender Plants 67
Sensitive Plant 59
Shasta Daisy 65, 68
Shears 87
Sheep Manure, 34, 87
Sickles 87
Silk Oak 67, 77
Silene 48
Slug Shot 87
Smoke Tree 72
Small Fruits 85, 86
Smilax 67, 80
Snapdragon 46
Snowball 72
Snow on the Mountain 51
Soja Bean 35
Solanum 67
Sorghum 36
Sorrel 33
Sowing Seeds and Transplanting 38
Spanish Salsify 28
Spinach 27
Spiræa 72
Sprayers 3d cover
Sprinklers 87
Spurry 35
Squirrel-tail Grass 67
Squash 29
Stevia serrata 67
Stipa pennata 67
Stocks 65
Stokesia cyanea 64, 69
Strawberries 85
Sugar Cane 36
Sulpho-Tobacco Soap 87
Summer Cypress 52
Sunflower 36, 64
Swan River Daisy 46
Sweet Alyssum 46
Sweet Corn 12, 13, 33
Sweet Peas 62, 63
Sweet Rocket 61
Sweet Sultan 49
Sweet William 61
Swiss Chard 6
Syringa 72
Syringes 87

Tamarix Africana 72
Tansy 33
Tecoma radicans 67, 73
Tender Plants and Bulbs 77
Ten Weeks Stock 65
Thunbergia 66
Thyme 33
Tigridia 81
Timothy 35, 37
Tobacco 31
Tobacco Dust 87
Tobacco, Ornamental 57
Tomato 30, 31
Transplanting 38
Tritoma 69
Tropæolum 55
Trowels 87
Trumpet Vine 67, 73
Tuberose 84
Tuberous Begonias 67, 81
Tubs for Plants 87
Turnip 32
Tuxedo 87

Umbrella Palm 80

Variegated Hop 52
Vegetable Oyster 28
Velvet Bean 35
Verbena 65
Veronica spicata 69
Viola 66
Viburnum 72
Vinca 66
Violets 66, 69
Virginia Creeper 67, 73

Wallflower 66
Water Lily 81
Watermelons 19
Weigela 72
Weeders 87, 3d cover
Whale Oil Soap 87
Wheat 37
Wild Cucumber 51
Wild Garden 67
Wild Rice 36
Wistaria 73
Wormwood 33

Xeranthemum 67

Zinnia 66

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

JAMES VICK'S SONS.

KNIVES PRUNING & BUDDING

Budding.	No. 718 — 1 blade, open, cocoa handle	$0.35
	No. 850 — 2 blade, folding, ivory handle	1.00
	No. 419 — 2 blade, folding, ivory handle, superior steel	1.50
	No. 690 — 2 blade, folding, buffalo handle, ivory tip	.85
	No. 919 — 1 blade, folding, ivory handle	1.75
	No. 917 — 1 blade, folding, ivory handle, sheep's-foot blade	1.25
Pruning.	No. 1002 — 1 blade, open, wood handle	.60
	No. 117 — 1 blade, folding, cocoa handle, round end	.80
	No. 510 — 1 blade, folding, cocoa handle, steel-capped	1.00
	No. 801 — 1 blade, folding, cocoa handle, 4-inch blade	.65
	No. 923 — 1 blade, folding, stag handle, 4-inch blade	1.00
	No. 928 — 1 blade, folding, stag handle, 4¾-in. blade	1.50

BASKETRY

Raffia is the native name of a palm growing in Madagascar, and which furnishes the raffia fiber of commerce. This fiber is the inner skin peeled from the under side of the palm leaf. When first stripped it is of a pale green color, but after being dried in the sun it becomes a light straw color. For export it is collected in large skeins, twisted or braided, and then packed in compressed bales of about 220 pounds. At first it was sold in the natural color only, being used principally for tying of vegetables, and in greenhouse and vineyard work. With its adoption for basketry it began to be dyed in various colors, and our present list embraces the following different colors:

No. 3—Indian Red	No. 14—Sage Green	No. 8—Pink
No. 12—Light Orange	No. 17—Emerald Green	No. 10—Brown
No. 5—Yellow	No. 6—Dark Navy	No. 9—Black
No. 16—Bright Yellow	No. 7—Red	No. 13—Bright Green

Prices on Basket Materials

☞ Add postage as follows: Ounce 4 cents; ¼ lb. 8 cents; pound 20 cents.

	OUNCE	¼ LB.	POUND
Raffia—Colored	$0 05	$0 20	$0 75
Raffia—Natural	05	10	25
Sweet Grass	15	40	1 50
Reeds—No. 1	10	30	1 00
No. 2	07	25	75
No. 3	07	25	75
No. 4	07	25	75
No. 5	05	15	55
No. 6	05	15	55

Samples of Raffia and Reeds on application.

Books on Basketry

Basket-Making. By T. Vernette Morse. 32 pages, illustrated with 106 working designs. A condensed work valuable to the beginner. Postpaid 25 cents.

How to Make Baskets. By Mary White. 200 pages, cloth bound, finely illustrated with working designs and half-tone plates. The best work on the subject we have seen. Postpaid, $1.00.

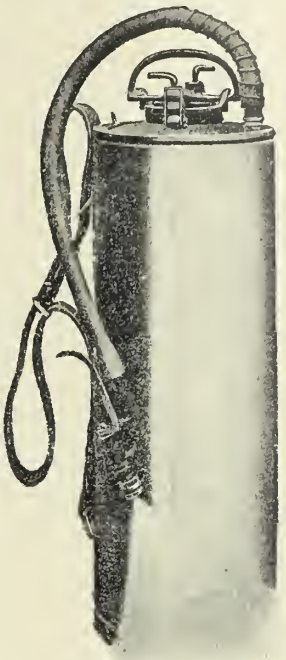
BROWN'S EASY WEEDER

This new idea as a weeding device has made itself an immediate favorite with growers everywhere. With it, a boy can do more and better work than two men with any other tool ever put on the market. Does not cut or destroy the roots of plants. Takes out all the weeds; its oval shape permitting the operator to weed behind the plants while standing in front. It works the surface to a fine mulch. It makes the hard places easy to reach. For working in ashes or commercial fertilizers, it has no equal. **50 cents each**, by mail, postpaid. Long handled, **75 cents each**, charges not prepaid.

Vegetable Seeds and Flower Seeds in Collections

On the second cover, frontispiece, and on page 39 you will find Vick's Seeds offered in collections at special prices. They are made up from our regular stock, full-sized packets—in fact are the same goods you buy at regular prices; the reason for the low price is that we wish our friends to have an assortment of Vegetables and Flowers which will make their garden better than any other in the neighborhood. Don't forget these Collections.

THE AUTO-SPRAY

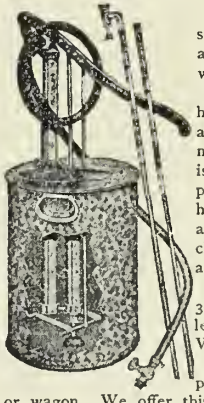


Perfect in mechanism, material, workmanship. Will do all that any spray pump will do, and much more. Every machine warranted perfect and satisfactory or purchase price refunded. Eight to ten strokes of the plunger compresses enough air to spray ¼ acre of potatoes. A boy can do a man's work. No wasted material. Sprays fine as mist. Made in all brass, or with galvanized steel reservoir. Capacity, 4 gallons. Weight, empty, 7 pounds. Weight loaded, 39 pounds. Shipping weight, 12 pounds. Utility considered, the brass machine is the cheaper, and we strongly commmend it. Extension pipes are strong, and sustain themselves in use; they cost extra. The "Auto-Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto-Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. The "Anti-Choke" Nozzle (shown in illustration with "Auto-Pop") is made from solid brass rod, and consists of nozzle proper and two caps of different capacity. It offers every graduation of spray from a solid stream to a fog. It is made to fit other sprayers, where so ordered. By the operation of the "Auto-Pop" a degorger is passed through the nozzle-opening each time the "Auto-Pop" is closed. Hence it can never clog and is the only nozzle which can't clog, notwithstanding the claims of competitors.

No. 1 A—Auto-Spray, brass tank, with stop-cock	$6 00
No. 1 B—Auto-Spray, brass tank, with Auto-Pop (recommended)	7 00
No. 1 C—Auto-Spray, galvanized tank, with stop-cock	4 50
No. 1 D—Auto-Spray, galvanized tank, with Auto-Pop	5 55
Auto-Pop, supplied separately	1 20
Copper Strainer	1 25
Extension Pipe, brass, two-ft. lengths	50
Extension Pipes, galvanized, brass connections, two-ft. lengths	50
Elbow Extension, brass	50
Torch	1 00

At express or freight office, Rochester.

AUTO-SPRAY No. 3-B



A general purpose sprayer perfectly adapted to spraying all kinds of trees, plants, shrubs and vines, and also used extensively for application of whitewash and cold water paints.

The reservoir is made of heavy galvanized steel and holds 8 gallons of mixture. The cover is re-enforced and so designed that the pump may be instantly removed, thus exposing all working parts. The pump is made entirely of heavy brass except the handle parts. There is an agitator which is operated by the handle and which keeps the solution thoroughly mixed about the suction opening. All valves are easily cleaned; the plunger is simple and effective and easily adjusted to take up all wear.

This pump is always sold complete with 8 feet of 3-ply discharge hose, stop cock and two four-feet lengths of iron extension pipe, with latest pattern of Vermorel nozzle.

The machine loaded is easily carried from place to place and may be mounted on any wheelbarrow, cart or wagon. We offer this 8-gallon machine as the best all-around size and equipment in lever handle high pressure force pump for small orchards, general garden work for poultry houses and greenhouses.

Probably more of the Auto-Spray No. 3-B machines are sold for whitewash and painting purposes than all other styles of whitewash sprayer combined. This machine will apply whitewash and cold water paints to any surface faster and better than ten men with brushes. Suitable for both large and small work. Net weight of pump complete, 30 lbs. Shipping weight, one pump only 45 lbs.

Price, $11.20, at express or freight office, Rochester, N. Y.

COMPOSITION FROM PRINTING DEPARTMENT OF JAMES VICK'S SONS.

PRESSWORK BY THE J. P. SMITH PRINTING CO., ROCHESTER, N. Y.

THE EARLIEST BLOOMING SALVIA, BURNING BUSH.
NEW PETUNIA
TRUE TO NAME FROM SEED
VICK'S RUFFLED
JAMES VICK'S SONS, ROCHESTER, N.Y.